

LCD-TV

Chassis: N45B

Model: LN32A450C1D

LN37A450C1D

SERVICE Manual

TFT-LCD TV



LN32A450C1D / LN37A450C1D

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1. Precautions

1-1. Safety Precautions

Follow these safety, servicing and ESD precautions to prevent damage and to protect against potential hazards such as electrical shock.

1-1-1. Warnings

- 1. For continued safety, do not attempt to modify the circuit board.
- 2. Disconnect the AC power and DC power jack before servicing.

1-1-2. Servicing the LCD TV

- 1. When servicing the LCD TV, Disconnect the AC line cord from the AC outlet.
- 2. It is essential that service technicians have an accurate voltage meter available at all times. Check the calibration of this meter periodically.

1-1-3. Fire and Shock Hazard

Before returning the LCD TV to the user, perform the following safety checks:

- 1. Inspect each lead dress to make certain that the leads are not pinched or that hardware is not lodged between the chassis and other metal parts in the LCD TV.
- 2. Inspect all protective devices such as nonmetallic control knobs, insulating materials, cabinet backs, adjustment and compartment covers or shields, isolation resistorcapacitor networks, mechanical insulators, etc.
- 3. Leakage Current Hot Check (Figure 1-1):

WARNING: Do not use an isolation transformer during this test.

Use a leakage current tester or a metering system that complies with American National Standards Institute (ANSI C101.1, Leakage Current for Appliances), and Underwriters Laboratories (UL Publication UL1410, 59.7).

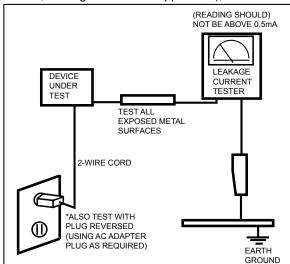


Figure 1-1. Leakage Current Test Circuit

4. With the unit completely reassembled, plug the AC line cord directly into a 120V AC outlet. With the unit's AC switch first in the ON position and then OFF, measure the current between a known earth ground (metal water pipe, conduit, etc.) and all exposed metal parts, including: metal cabinets, screwheads and control shafts. The current measured should not exceed 0.5 milliamp.

Reverse the power-plug prongs in the AC outlet and repeat the test.

1-1-4. Product Safety Notices

Some electrical and mechanical parts have special safetyrelated characteristics which are often not evident from visual inspection. The protection they give may not be obtained by replacing them with components rated for higher voltage, wattage, etc. Parts that have special safety characteristics are identified by \triangle on schematics and parts lists. A substitute replacement that does not have the same safety characteristics as the recommended replacement part might create shock, fire and/or other hazards. Product safety is under review continuously and new instructions are issued whenever appropriate.

1-2. Servicing Precautions

WARNING: An electrolytic capacitor installed with the wrong polarity might explode.

Caution: Before servicing units covered by this service manual, read and follow the Safety Precautions section of

this manual.

Note: If unforeseen circumstances create conflict between the following servicing precautions and any of the

safety precautions, always follow the safety precautions.

1-2-1 General Servicing Precautions

1. Always unplug the unit's AC power cord from the AC power source and disconnect the DC Power Jack before attempting to:

(a) remove or reinstall any component or assembly, (b) disconnect PCB plugs or connectors, (c) connect a test component in parallel with an electrolytic capacitor.

- 2. Some components are raised above the printed circuit board for safety. An insulation tube or tape is sometimes used. The internal wiring is sometimes clamped to prevent contact with thermally hot components. Reinstall all such elements to their original position.
- 3. After servicing, always check that the screws, components and wiring have been correctly reinstalled. Make sure that the area around the serviced part has not been damaged.
- 4. Check the insulation between the blades of the AC plug and accessible conductive parts (examples: metal panels, input terminals and earphone jacks).
- 5. Insulation Checking Procedure: Disconnect the power cord from the AC source and turn the power switch ON. Connect an insulation resistance meter (500 V) to theblades of the AC plug. The insulation resistance between each blade of the AC plug and accessible conductive parts (see above) should be greater than 1 megohm.
- 6. Always connect a test instrument's ground lead to the instrument chassis ground before connecting the positive lead; always remove the instrument's ground lead last.

1-3. Electrostatically Sensitive Devices (ESD) Precautions

Some semiconductor (solid state) devices can be easily damaged by static electricity. Such components are commonly called Electrostatically Sensitive Devices (ESD). Examples of typical ESD are integrated circuits and some field-effect transistors. The following techniques will reduce the incidence of component damage caused by static electricity.

- 1. Immediately before handling any semiconductor components or assemblies, drain the electrostatic charge from your body by touching a known earth ground. Alternatively, wear a discharging wrist-strap device. To avoid a shock hazard, be sure to remove the wrist strap before applying power to the LCD TV.
- 2. After removing an ESD-equipped assembly, place it on a conductive surface such as aluminum foil to prevent accumulation of an electrostatic charge.
- 3. Do not use freon-propelled chemicals. These can generate electrical charges sufficient to damage ESDs.
- 4. Use only a grounded-tip soldering iron to solder or desolder ESDs.
- 5. Use only an anti-static solder removal device. Some solder removal devices not classified as "anti-static" can generate electrical charges sufficient to damage ESDs.
- 6. Do not remove a replacement ESD from its protective package until you are ready to install it. Most replacement ESDs are packaged with leads that are electrically shorted together by conductive foam, aluminum foil or other conductive materials
- 7. Immediately before removing the protective material from the leads of a replacement ESD, touch the protective material to the chassis or circuit assembly into which the device will be installed.
 - Caution: Be sure no power is applied to the chassis or circuit and observe all other safety precautions.
- 8. Minimize body motions when handling unpackaged replacement ESDs. Motions such as brushing clothes together, or lifting your foot from a carpeted floor can generate enough static electricity to damage an ESD.

1-4. Installation Precautions

- 1. For safety reasons, more than two people are required for carrying the product.
- 2. Keep the power cord away from any heat emitting devices, as a melted covering may cause fire or electric shock.
- 3. Do not place the product in areas with poor ventilation such as a bookshelf or closet. The increased internal temperature may cause fire.
- 4. Bend the external antenna cable when connecting it to the product. This is a measure to protect it from being exposed to moisture. Otherwise, it may cause a fire or electric shock.
- 5. Make sure to turn the power off and unplug the power cord from the outlet before repositioning the product. Also check the antenna cable or the external connectors if they are fully unplugged. Damage to the cord may cause fire or electric shock.
- 6. Keep the antenna far away from any high-voltage cables and install it firmly. Contact with the highvoltage cable or the antenna falling over may cause fire or electric shock.
- 7. When installing the product, leave enough space (10cm) between the product and the wall for ventilation purposes. A rise in temperature within the product may cause fire.

Memo

2. Product specifications

2-1. Feature & Specifications

| LN32A450C1D |
|-------------|
| Feature |
| |

▶ Digital-TV, RF, 3-HDMI, 2-Component, 1-A/V, 1-S-Video, D-DUB

Brightness: 500cd/m²
 Contrast Ratio: 800:1
 Response time: 8ms

| | | Specifications | | | | |
|---------------------------------------|--|---|--|--|--|--|
| Item Description | | | | | | |
| LCD Panel | TFT-LCD pan- viewable, 0.51 | TFT-LCD panel, RGB vertical stripe, Transmassive mode, Normally white, 32-inch viewable, 0.51075(H)x 0.51075(V)x 3mm pixel pitch | | | | |
| Scanning Frequency | |) kHz ~ 80 kHz (Automatic) lz ~ 75 Hz (Automatic) | | | | |
| Display Colors | 16.7 million co | plors | | | | |
| Maximum resolution | Horizontal : 13 Vertical : 768 | | | | | |
| Input Signal | Analog 0.7 Vp | p-p \pm 5% positive at 75 Ω , internally terminated | | | | |
| Input Sync Signal | H/V Separate | , TTL, P. or N. | | | | |
| Maximum Pixel Clock rate | 310MHz | | | | | |
| Active Display Horizontal/Vertical | 27.47 x 15.44 | 27.47 x 15.44 inches (697.6845(H) x 392.256(V)mm) | | | | |
| AC power voltage & Frequency | AC 110V ~ 22 | AC 110V ~ 220V, 60 Hz | | | | |
| Power Consumption | <245 W (< 1W, stand by) | | | | | |
| Dimensions Set (W x D x H) | | 31.48 x 9.92 x 22.7 inches (799.6 x 252 x 576.5 mm)_with stand 31.48 x 3.11 x 20.56 inches (799.6 x 79 x 522.3 mm)_without stand | | | | |
| Weight (Set) | 28.88 lbs (13. | 1kg) | | | | |
| TV System | Tuning | Frequency Synthesize (Refer to detailed Frequency Table) | | | | |
| | System | ATSC, NTSC5.38 | | | | |
| | Sound | NTSC-M, AC-3 Digital | | | | |
| Environmental Considerations | Operating Temperature: 50°F ~ 104°F (10°C ~ 40°C) Operating Humidity: 10% ~ 80%, non-condensing Storage temperature: -13°F ~ 113°F (-25°C ~ 45°C) Storage Humidity: 5% ~ 95%, non-condensing | | | | | |
| Environmental Considerations | - BASS Control - TREBLE Col - Headphone | - MAX Internal speaker Out : Right => 10W, Left => 10W - BASS Control Range : -8 dB ~ + 8dB - TREBLE Control Range : -8 dB ~ +8 dB - Headphone Out : 10 mW MAX - Output Frequency : RF : 80 Hz ~ 15 kHz A/V : 80 Hz ~ 20 kHz | | | | |

| Model | LN37A450C1D |
|-------|-------------|
| | Feature |

Digital-TV, RF, 3-HDMI, 2-Component, 1-A/V, 1-S-Video, D-DUB
 Brightness: 500cd/m²
 Contrast Ratio: 800:1

▶ Response time : 8ms

| Specifications | | | | | | |
|---------------------------------------|---|--|--|--|--|--|
| Item | Description | | | | | |
| LCD Panel | | TFT-LCD panel, RGB vertical stripe, Transmassive mode, Normally white, 40-inch viewable, 0.648(H)x 0.648(V)x 3mm pixel pitch | | | | |
| Scanning Frequency | |) kHz ~ 80 kHz (Automatic) z ~ 75 Hz (Automatic) | | | | |
| Display Colors | 16.7 million co | olors | | | | |
| Maximum resolution | Horizontal : 13 Vertical : 768 l | | | | | |
| Input Signal | Analog 0.7 Vp | -p \pm 5% positive at 75 Ω , internally terminated | | | | |
| Input Sync Signal | H/V Separate, | TTL, P. or N. | | | | |
| Maximum Pixel Clock rate | 310MHz | | | | | |
| Active Display Horizontal/Vertical | 32.27 x 18.14 | inches(819.6(H) x 460.8(V)mm) | | | | |
| AC power voltage & Frequency | AC 110V ~ 220V, 60 Hz | | | | | |
| Power Consumption | <265 W (< 1W, stand by) | | | | | |
| Dimensions | | | | | | |
| Set (W x D x H) | | x 25.91 inches (916.4 x 300 x 658.1 mm)_with stand 23.53 inches (916.4 x 81.7 x 597.7 mm)_without stand | | | | |
| Weight (Set) | 40.34 lbs (18.3 | 3kg) | | | | |
| TV System | Tuning | Frequency Synthesize (Refer to detailed Frequency Table) | | | | |
| | System | ATSC, NTSC5.38 | | | | |
| | Sound | NTSC-M, AC-3 Digital | | | | |
| Environmental Considerations | Operating Temperature: 50°F ~ 104°F (10°C ~ 40°C) Operating Humidity: 10% ~ 80%, non-condensing Storage temperature: -13°F ~ 113°F (-25°C ~ 45°C) Storage Humidity: 5% ~ 95%, non-condensing | | | | | |
| Environmental Considerations | - MAX Internal speaker Out : Right => 10W, Left => 10W - BASS Control Range : -8 dB ~ + 8dB - TREBLE Control Range : -8 dB ~ +8 dB - Headphone Out : 10 mW MAX - Output Frequency : RF : 80 Hz ~ 15 kHz A/V : 80 Hz ~ 20 kHz | | | | | |
| Note: Anynet+, WISELINK | I | | | | | |

CHANNEL FREQUENCY TABLE

1. OUTPUT FREQUENCY : ANALOG fv:45.75MHz, fs:41.25MHz DIGITAL Fc:44MHz

2. TUNING STEP SIZE : FIRST PLL 250KHz SECOND PLL 62.5KHz

| OSD | CH NO | А | IR | | CH NO | | | CH NO | | CH NO | |
|-----------|----------|------------|-------------------|------------|----------|-------------------|----------------|------------|-------------------|--------------|-------------------|
| 0.00 | | | Air-NTSC | BAND | | Cable STD | BAND | | Cable HRC | | Cable IRC |
| 1 | 1 | F7 | FF 0F | \/ I | 0 | FF 0F | \/ I | A-8 | 72.00 | A-8 | 73. 25 |
| 3 | 2 | 57 63 | 55. 25 61.25 | V-L V-I | 3 | 55. 25 61.25 | V-L V-I | 3 | 54. 00 60.00 | 2 | 55. 25 61.25 |
| 4 | 4 | 69 | 67.25 | V-L | 4 | 67.25 | V-L | 4 | 66.00 | 4 | 67.25 |
| 5 | 5 | 79 | 77. 25 | V-L | 5 | 77. 25 | V-L | A-7 | 78. 00 | A-7 | 79. 25 |
| 6 | 6 | 85 | 83.25 | V-L | 6 | 83.25 | V-L | A-6 | 84.00 | A-6 | 85.25 |
| 7 8 | 7 8 | 177 183 | 175. 25 181.25 | V–H V–H | 7 8 | 175. 25 181.25 | V-H V-H | 7 8 | 174. 00 180.00 | 7 8 | 175. 25 181.25 |
| 9 | 9 | 189 | 187.25 | V-H | 9 | 187.25 | V-H | 9 | 186.00 | 9 | 187.25 |
| 10 | 10 | 195 | 193.25 | V-H | 10 | 193.25 | V-H | 10 | 192.00 | 10 | 193.25 |
| 11 | 11 12 | 201 207 | 199.25 205.25 | V–H V–H | 11 12 | 199.25 205.25 | V-H V-H | 11 12 | 198.00 204.00 | 11 12 | 199.25 205.25 |
| 13 | 13 | 213 | 211.25 | V-H | 13 | 211.25 | V-H | 13 | 210.00 | 13 | 211.25 |
| 14 | 14 | 473 | 471. 25 | UHF | Α | 121. 25 | MID | Α | 120.00 | Α | 121. 25 |
| 15 | 15 | 479 | 477.25 | UHF | В | 127.25 | MID | В | 126.00 | В | 127.25 |
| 16 17 | 16 17 | 485 491 | 483.25 489.25 | UHF | C D | 133.25 139.25 | MID | C D | 132.00 138.00 | C D | 133.25 139.25 |
| 18 | 18 | 497 | 495.25 | UHF | E | 145.25 | MID | E | 144.00 | E | 145.25 |
| 19 | 19 | 503 | 501.25 | UHF | F | 151.25 | MID | F | 150.00 | F | 151.25 |
| 20 | 20 21 | 509 515 | 507.25 513.25 | UHF | G H | 157.25 163.25 | MID | G H | 156.00 162.00 | G H | 157.25 163.25 |
| 22 | 22 | 515 521 | 513.25 | UHF | Н | 169.25 | MID | | 168.00 | <u>н</u> | 169.25 |
| 23 | 23 | 527 | 525.25 | UHF | J | 217. 25 | SUPER | J | 216. 00 | J | 217. 25 |
| 24 | 24 | 533 | 531.25 | UHF | K | 223.25 | SUPER | K | 222.00 | K | 223.25 |
| 25 26 | 25 26 | 539 545 | 537.25 543.25 | UHF | L M | 229.25 235.25 | SUPER SUPER | L M | 228.00 234.00 | L M | 229.25 235.25 |
| 27 | 27 | 545 551 | 549.25 | UHF | N | 241.25 | SUPER | N | 240.00 | N N | 241.25 |
| 28 | 28 | 557 | 555.25 | UHF | 0 | 247.25 | SUPER | 0 | 246.00 | 0 | 247.25 |
| 29 | 29 | 563 | 561.25 | UHF | Р | 253.25 | SUPER | P | 252.00 | Р | 253.25 |
| 30 | 30 31 | 569 575 | 567.25 573.25 | UHF | Q R | 259.25 265.25 | SUPER SUPER | Q R | 258.00 264.00 | Q R | 259.25 265.25 |
| 32 | 32 | 581 | 579.25 | UHF | S | 271.25 | SUPER | S | 270.00 | S | 271.25 |
| 33 | 33 | 587 | 585.25 | UHF | T | 277.25 | SUPER | T | 276.00 | T | 277.25 |
| 34 35 | 34 35 | 593 599 | 591.25 597.25 | UHF UHF | V | 283.25 289.25 | SUPER SUPER | V | 282.00 288.00 | V | 283.25 289.25 |
| 36 | 36 | 605 | 603.25 | UHF | W | 295.25 | SUPER | W | 294.00 | W | 295.25 |
| 37 | 37 | 611 | 609.25 | UHF | AA | 301.25 | HYPER | AA | 300.00 | AA | 301.25 |
| 38 | 38 | 617 | 615.25 | UHF | BB | 307.25 | HYPER | BB | 306.00 312.00 | BB | 307.25 313.25 |
| 39 40 | 39 40 | 623 629 | 621.25 627.25 | UHF | CC DD | 313.25 319.25 | HYPER HYPER | CC DD | 312.00 | CC DD | 313.25 |
| 41 | 41 | 635 | 633.25 | UHF | EE | 325.25 | HYPER | EE | 324.00 | EE | 325.25 |
| 42 | 42 | 641 | 639.25 | UHF | FF | 331.25 | HYPER | FF | 330.00 | FF | 331.25 |
| 43 44 | 43 44 | 647 653 | 645.25 651.25 | UHF UHF | GG HH | 337.25 343.25 | HYPER HYPER | GG HH | 336.00 342.00 | GG HH | 337.25 343.25 |
| 45 | 45 | 659 | 657.25 | UHF | 11 | 349.25 | HYPER | | 348.00 | 11 | 349.25 |
| 46 | 46 | 665 | 663.25 | UHF | JJ | 355.25 | HYPER | JJ | 354.00 | JJ | 355.25 |
| 47 48 | 47 | 671 677 | 669.25 | UHF | KK | 361.25 | HYPER | KK | 360.00 | KK | 361.25 |
| 48 | 48 49 | 677 683 | 675.25 681.25 | UHF UHF | LL | 367.25 373.25 | HYPER HYPER | LL MM | 366.00 372.00 | LL MM | 367.25 373.25 |
| 50 | 50 | 689 | 687.25 | UHF | NN | 379.25 | HYPER | NN | 378.00 | NN | 379.25 |
| 51 | 51 | 695 | 693.25 | UHF | 00 | 385.25 | HYPER | 00 | 384.00 | 00 | 385.25 |
| 52 53 | 52 53 | 701 707 | 699.25 705.25 | UHF UHF | PP QQ | 391.25 397.25 | HYPER HYPER | PP QQ | 390.00 396.00 | PP QQ | 391.25 397.25 |
| 54 | 54 | 713 | 711.25 | UHF | RR | 403.25 | HYPER | RR | 402.00 | RR | 403.25 |
| 55 | 55 | 719 | 717.25 | UHF | SS | 409.25 | HYPER | SS | 408.00 | SS | 409.25 |
| <u>56</u> | 56 57 | 725 721 | 723.25 | UHF | TT | 415.25 | HYPER | TT | 414.00 | TT | 415.25 |
| 57 58 | 57 58 | 731 737 | 729.25 735.25 | UHF UHF | VV | 421.25 427.25 | HYPER HYPER | VV | 420.00 426.00 | VV | 421.25 427.25 |
| 59 | 59 | 743 | 741.25 | UHF | WW | 433.25 | HYPER | WW | 432.00 | WW | 433.25 |
| 60 | 60 | 749 | 747.25 | UHF | XX | 439.25 | HYPER | XX | 438.00 | XX | 439.25 |
| 61 62 | 61 62 | 755 761 | 753.25 759.25 | UHF | YY ZZ | 445.25 451.25 | HYPER HYPER | ZZ | 444.00 450.00 | YY ZZ | 445.25 451.25 |
| 63 | 63 | 767 | 765.25 | UHF | AAA | 451.25 | HYPER | AAA | 456.00 | AAA | 457.25 |
| 64 | 64 | 773 | 771.25 | UHF | BBB | 463.25 | HYPER | BBB | 462.00 | BBB | 463.25 |
| 65 | 65 | 779 | 777.25 | UHF | CCC | 469.25 | ULTRA | CCC | 468.00 | CCC | 469.25 |
| 66 67 | 66 67 | 785 791 | 783.25 789.25 | UHF UHF | DDD | 475.25 481.25 | ULTRA ULTRA | DDD EEE | 474.00 480.00 | DDD EEE | 475.25 481.25 |
| 68 | 68 | 797 | 795.25 | UHF | FFF | 487.25 | ULTRA | FFF | 486.00 | FFF | 487.25 |
| 69 | 69 | 803 | 801.25 | UHF | GGG | 493.25 | ULTRA | GGG | 492.00 | GGG | 493.25 |

| OSD | CH NO | Δ | IR | | CH NO | | | CH NO | | CH NO | |
|----------|-------|---------|----|------|------------|------------------|-------|------------|------------------|------------|------------------|
| 000 | OH NO | Air-DTV | | BAND | OII NO | Cable STD | BAND | OII NO | Cable HRC | OII NO | Cable IRC |
| 70 | 70 | | | | HHH | 499.25 | ULTRA | HHH | 498.00 | HHH | 499.25 |
| 71 | 71 | | | | 111 | 505.25 | ULTRA | 111 | 504.00 | 111 | 505.25 |
| 72 | 72 | | | | JJJ | 511.25 | ULTRA | JJJ | 510.00 | JJJ | 511.25 |
| 73 | 73 | | | | KKK | 517.25 | ULTRA | KKK | 516.00 | KKK | 517.25 |
| 74 | 74 | | | | LLL | 523.25 | ULTRA | LLL | 522.00 | LLL | 523.25 |
| 75 | 75 | | | | MMM | 529.25 | ULTRA | MMM | 528.00 | MMM | 529.25 |
| 76 | 76 | | | | NNN | 535.25 | ULTRA | NNN | 534.00 | NNN | 535.25 |
| 77 | 77 | | | | 000 | 541.25 | ULTRA | 000 | 540.00 | 000 | 541.25 |
| 78 | 78 | | | | PPP | 547.25 | ULTRA | PPP | 546.00 | PPP | 547.25 |
| 79 | 79 | | | | 79 | 553.25 | ULTRA | 79 | 552.00 | 79 | 553.25 |
| 80 | 80 | | | | 80 | 559.25 | ULTRA | 80 | 558.00 | 80 | 559.25 |
| 81 | 81 | | | | 81 | 565.25 | ULTRA | 81 | 564.00 | 81 | 565.25 |
| 82 | 82 | | | | 82 | 571.25 | ULTRA | 82 | 570.00 | 82 | 571.25 |
| 83 | 83 | | | | 83 | 577.25 | ULTRA | 83 | 576.00 | 83 | 577.25 |
| 84 | 84 | | | | 84 | 583.25 | ULTRA | 84 | 582.00 | 84 | 583.25 |
| 85 | 85 | | | | 85 | 589.25 | ULTRA | 85 | 588.00 | 85 | 589.25 |
| 86 | 86 | | | | 86 | 595.25 | ULTRA | 86 | 594.00 | 86 | 595.25 |
| 87 | 87 | | | | 87 | 601.25 | ULTRA | 87 | 600.00 | 87 | 601.25 |
| 88 | 88 | | | | 88 | 607.25 | ULTRA | 88 | 606.00 | 88 | 607.25 |
| 89 | 89 | | | | 89 | 613.25 | ULTRA | 89 | 612.00 | 89 | 613.25 |
| 90 | 90 | | | | 90 | 619.25 | ULTRA | 90 | 618.00 | 90 | 619.25 |
| 91 | 91 | | | | 91 | 625.25 | ULTRA | 91 | 624.00 | 91 | 625.25 |
| 92 | 92 | | | | 92 | 631.25 | ULTRA | 92 | 630.00 | 92 | 631.25 |
| 93 | 93 | | | | 93 | 637.25 | ULTRA | 93 | 636.00 | 93 | 637.25 |
| 94 | 94 | | | | 94 | 643.25 | ULTRA | 94 | 642.00 | 94 | 643.25 |
| 95 | 95 | | | | A-5 | 91. 25 | FM | A-5 | 90.00 | A-5 | 91. 25 |
| 96 | 96 | | | | A-4 | 97.25 | FM | A-4 | 96.00 | A-4 | 97.25 |
| 97 98 | 97 | | | | A-3 | 103.25 | FM | A-3 | 102.00 | A-3 | 103.25 |
| 99 | 98 | | | | A-2 A-1 | 109.25 115.25 | MID | A-2 A-1 | 108.00 114.00 | A-2 A-1 | 109.25 115.25 |
| 100 | 100 | | | | 100 | 649. 25 | ULTRA | 100 | 648. 00 | 100 | 649. 25 |
| 101 | 101 | | | | 101 | 655.25 | ULTRA | 101 | 654.00 | 101 | 655.25 |
| 102 | 102 | | | | 102 | 661.25 | ULTRA | 102 | 660.00 | 102 | 661.25 |
| 103 | 103 | | | | 103 | 667.25 | ULTRA | 103 | 666.00 | 103 | 667.25 |
| 103 | 103 | | | | 103 | 673.25 | ULTRA | 103 | 672.00 | 103 | 673.25 |
| 105 | 105 | | | | 105 | 679.25 | ULTRA | 105 | 678.00 | 105 | 679.25 |
| 106 | 106 | | | | 106 | 685.25 | ULTRA | 106 | 684.00 | 106 | 685.25 |
| 107 | 107 | | | | 107 | 691.25 | ULTRA | 107 | 690.00 | 107 | 691.25 |
| 108 | 108 | | | | 108 | 697.25 | ULTRA | 108 | 696.00 | 108 | 697.25 |
| 109 | 109 | | | | 109 | 703.25 | ULTRA | 109 | 702.00 | 109 | 703.25 |
| 110 | 110 | | | | 110 | 709.25 | ULTRA | 110 | 708.00 | 110 | 709.25 |
| 111 | 111 | | | | 111 | 715.25 | ULTRA | 111 | 714.00 | 111 | 715.25 |
| 112 | 112 | | | | 112 | 721.25 | ULTRA | 112 | 720.00 | 112 | 721.25 |
| 113 | 113 | | | | 113 | 727.25 | ULTRA | 113 | 726.00 | 113 | 727.25 |
| 114 | 114 | | | | 114 | 733.25 | ULTRA | 114 | 732.00 | 114 | 733.25 |
| 115 | 115 | | | | 115 | 739.25 | ULTRA | 115 | 738.00 | 115 | 739.25 |
| 116 | 116 | | | | 116 | 745.25 | ULTRA | 116 | 744.00 | 116 | 745.25 |
| | | | | | | | | : | | | |
| 125 | 125 | | | | 125 | 799.25 | ULTRA | 125 | 798.00 | 125 | 799.25 |
| | _ | | | | _ | | | | | _ | |

120 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120

2-3. Spec Comparison to the Old Models

| Model | LN**A450C1D(19"/22"/26"/32"/37"/40") | LNT**42H (23"/26"/32"/40"/46") | |
|------------------------|--|--|--|
| Design | and a second | | |
| Display Type | LCD TV | LCD TV | |
| Built-in Tuner | 0 | 0 | |
| Resolution | 19"=>1440x900 22"=>1680x1050 26"/32"/37"/40"=>1366x768 | 1366 x 768 | |
| LCD Panel | TFT LCD Panel 60Hz | TFT LCD Panel 60Hz | |
| Screen Size | 19"/22"/26"/32"/37"/40" | 23" / 26" / 32" / 40" / 46" | |
| Picture ratio | 16 : 9 | 16 : 9 | |
| Dimensions (W x H x D) | 19 | 23 26.29 x 9.13 x 17.53 inches_with stand 26 29.28 x 9.15 x 19.94 inches_with stand 32 34.42 x 11.47 x 22.72 inches_with stand 40 42.67 x 11.81 x 27.17 inches_with stand 46 48.04 x 12.83 x 30.55 inches_with stand | |
| Weight | 19 | 23 24.25 lbs (set) 26 31.97 lbs (set) 32 41.89 lbs (set) 40 60.63 lbs (set) 46 80.91 lbs (set) | |
| Brightness | 500nit(19"=>300nit) | 500 nit | |
| Contrast Ratio | 8000:1(19"=>1000:1) | 8000:1 | |
| Picture Enhacer | DNIe(FBE3) | DNIe (FBE2) | |
| Equalizer | 5 band | 5 band | |
| Auto Motion Plus 120Hz | Not available | Not available | |
| Surround Sound | 2 Way SRS TruSurround Dolby Digital | 2 Way SRS TruSurround Dolby Digital | |
| Speaker Output | 5W x 2 | 5W x 2 | |
| Antenna | 1 (Cable/Air) | 2 (Cable/Air) | |

2-4. Accessories

| Product | Description | Code. No | Remark |
|--|---|------------------------------------|---------------------------------------|
| © 00000 00000 00000 00000 00000 00000 0000 | Remote Control & Batteries (AAA x 2) | BN59-00687A | |
| | Power Cord | 3903-000144 | |
| and any | Cover-Bottom | 32":BN63-04269A 37":BN63-04243A | Samsung Electronics Service center |
| | Owner's Instructions | BN63-01395A | |
| | Cleaning Cloth | BN63-01798A | |

3. Disassembly and Reassemble

This section of the service manual describes the disassembly and reassembly procedures for the LN32A450C1D LCD TV.

3-1. Disassembly

- ⚠ Cautions: 1. Disconnect the monitor from the power source before disassembly.
 - 2. Follow these directions carefully; never use metal instruments to pry apart the cabinet.

| | Description | Picture Description | Screws |
|----|--|---------------------|--------|
| 1. | Place monitor face down on cushioned table. Remove screws from the rear cover. Remove stand. Lift up the rear-cover. | | |
| | | | |
| | | | |

3. Disassembly and Reassemble

| Description | Picture Description | Screws |
|---|---------------------|--------|
| Detach all cables. Remove all screws from the power and main board. | | |
| | | |
| | | |

| Description | Picture Description | Screws |
|---|---------------------|--------|
| Remove AC inlet`s screws. Remove the screws of stand-bracket. | | |
| | | |

| Description | Picture Description | Screws |
|--|---------------------|--------|
| Remove all screws of bracket. Detach bracket from the panel. | | |
| | | |
| | | |

| Description | Picture Description | Screws |
|-----------------------|---------------------|--------|
| 5. Lift up the panel. | | |
| | | |
| | END FINA | |
| | | |

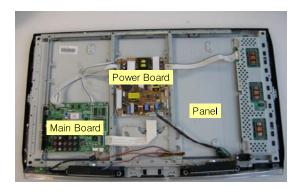
X Reassembly procedures are in the reverse order of disassembly procedures.

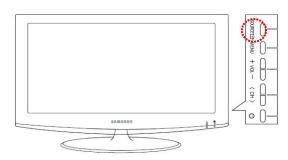
Memo

4. Troubleshooting

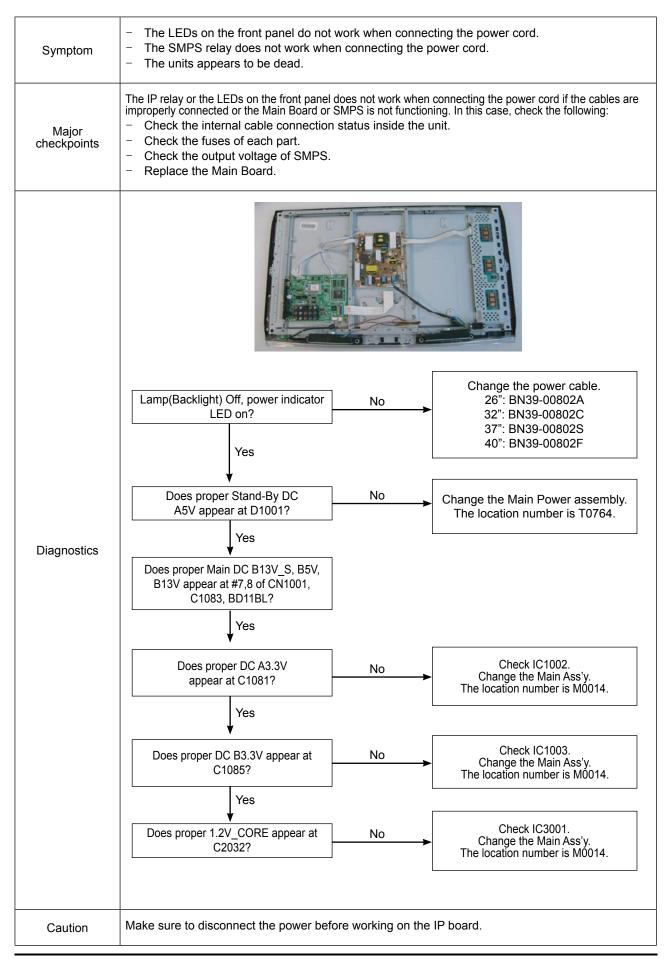
4-1. Troubleshooting

- 1. Check the various cable connections first.
 - Check to see if there is a burnt or damaged cable.
 - Check to see if there is a disconnected or loose cable connection.
 - Check to see if the cables are connected according to the connection diagram.
- 2. Check the power input to the Main Board.

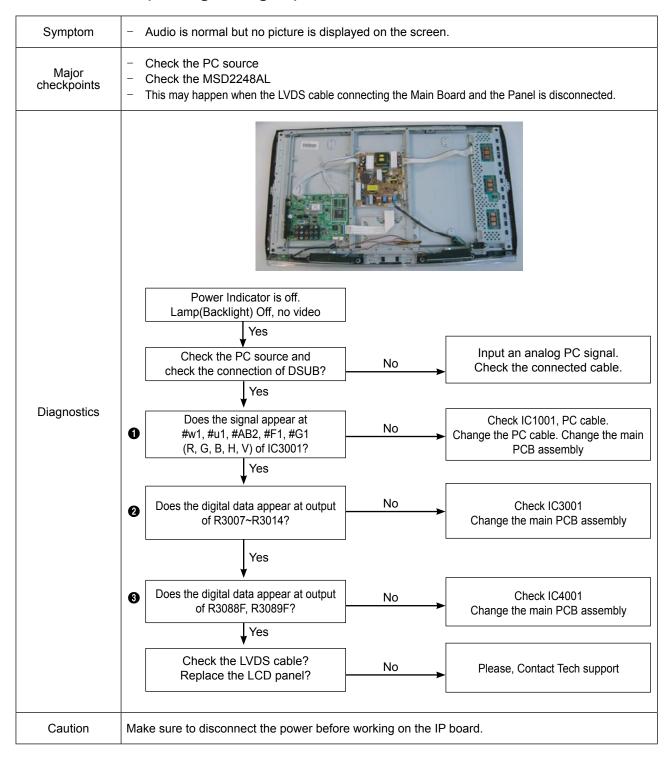




4-1-1. No Power



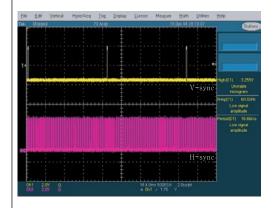
4-1-2. No Video (Analog PC signal)







PC Input (V-Sync, H-Sync)

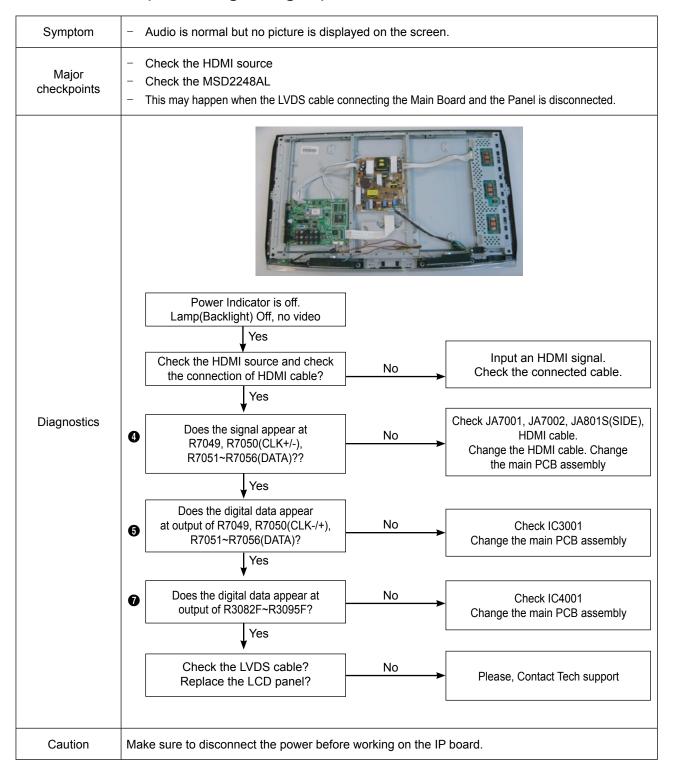


3

LVDS Out (CLK + / -)



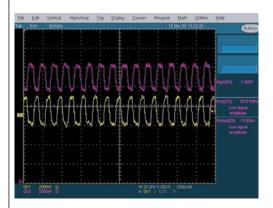
4-1-3. No Video (HDMI - Digital Signal)





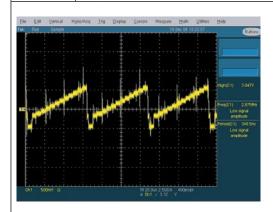


HDMI Input (CLK + / -)



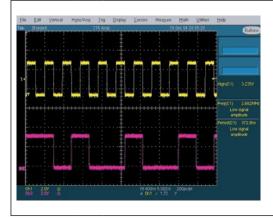
6

Tuner CVBS Out (Pattern: Grey Bar)

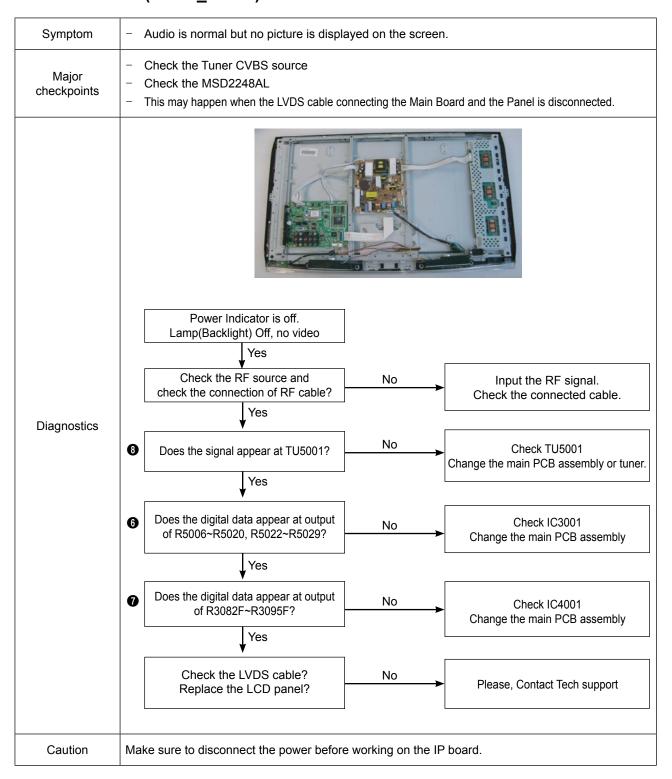


0

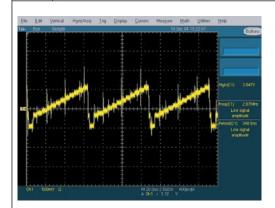
TS DATA Out (Clk, Data [0])



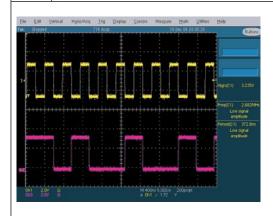
4-1-4. No Video (Tuner_CVBS)



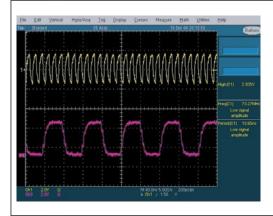




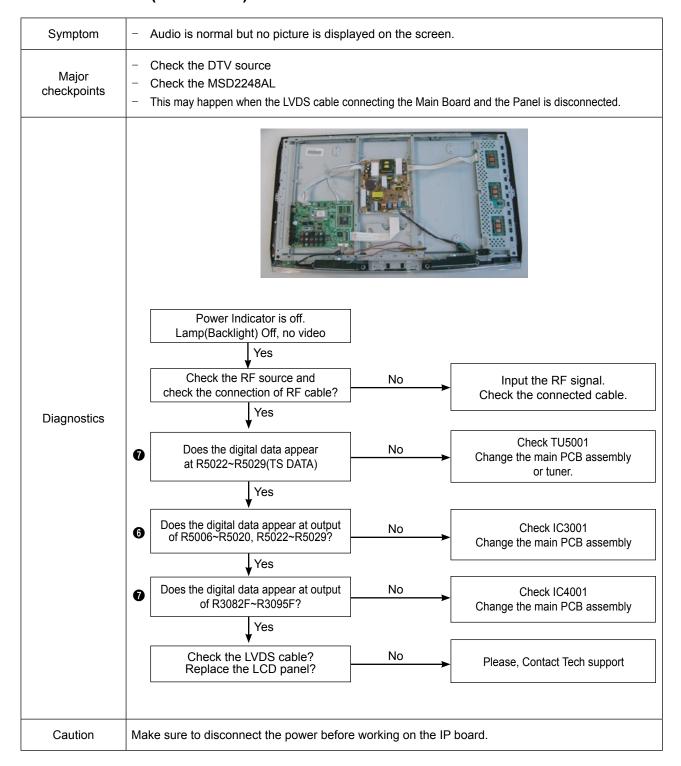
TS DATA Out (Clk, Data [0])



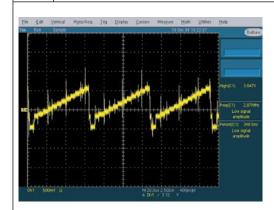
8 Eagle+ Out (Clk, H-Sync)



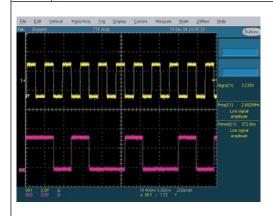
4-1-5. No Video (Tuner DTV)



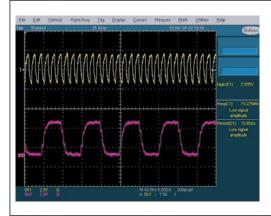




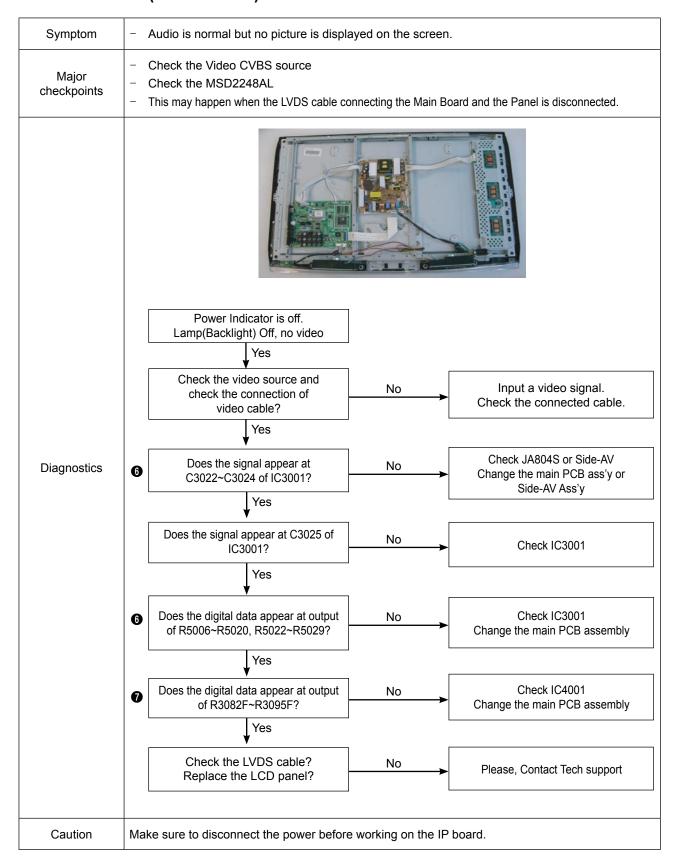
TS DATA Out (Clk, Data [0])

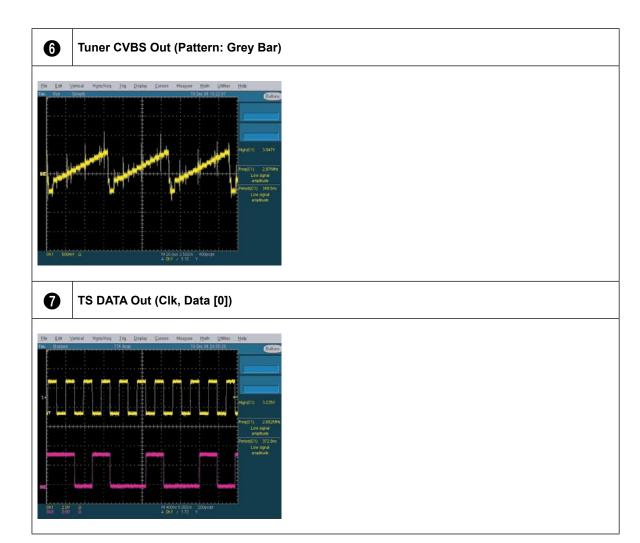


8 Eagle+ Out (Clk, H-Sync)

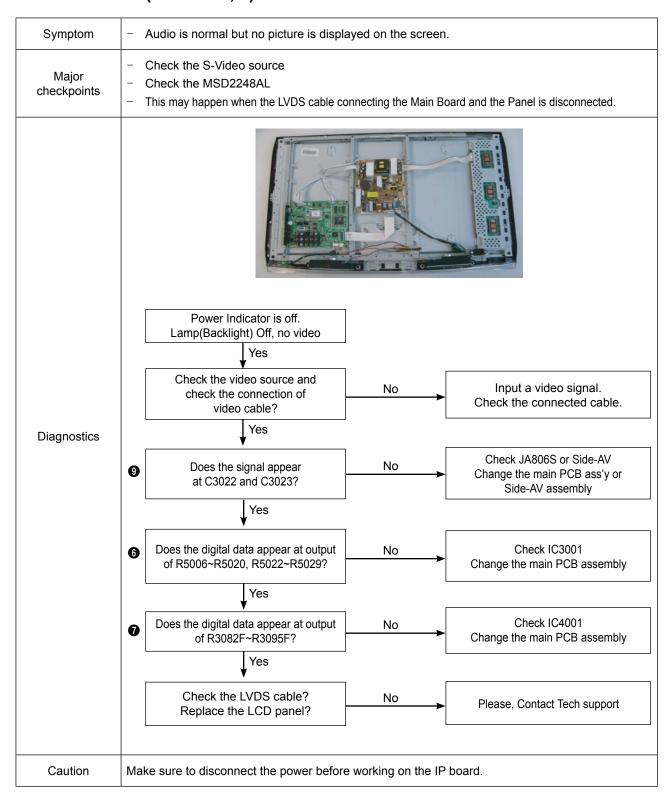


4-1-6. No Video (Video CVBS)

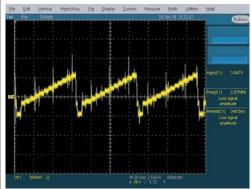




4-1-7. No Video (S-Video 1, 2)



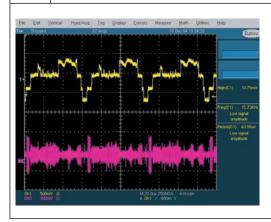




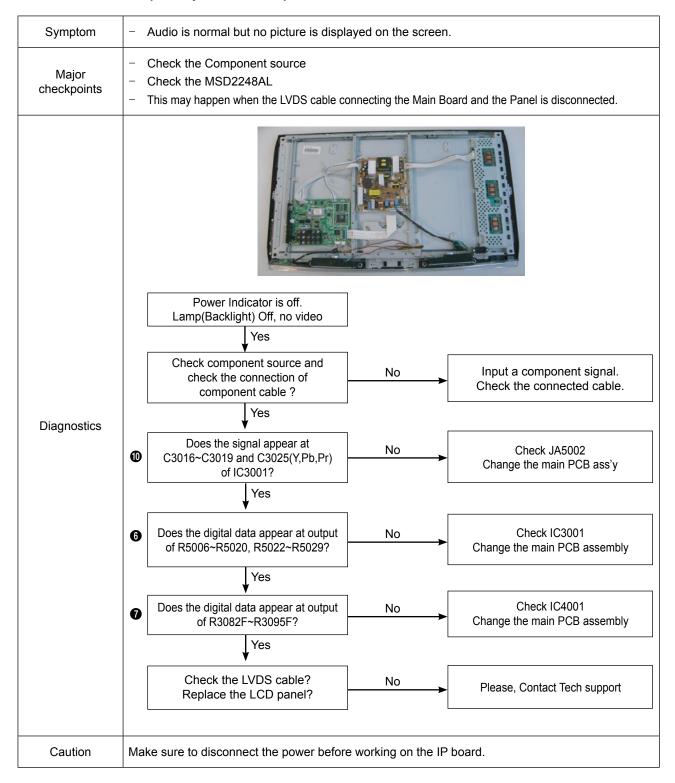
TS DATA Out (Clk, Data [0])



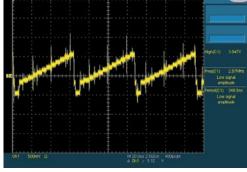
S-VIDEO Input (Y/C)



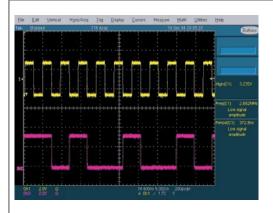
4-1-8. No Video (Component 1, 2)







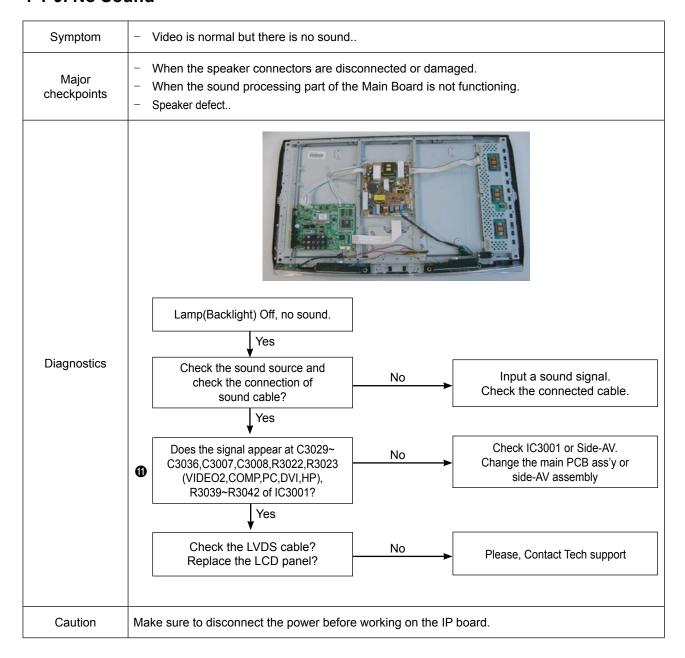
TS DATA Out (Clk, Data [0])

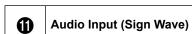


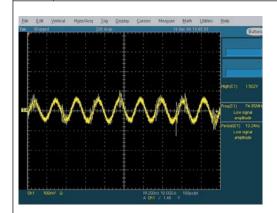
(Y/Pb)



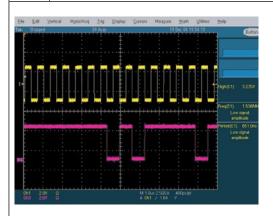
4-1-9. No Sound



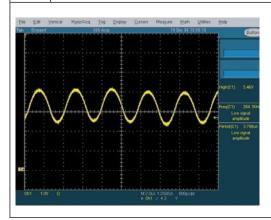




12S Input (Clk, Data)



Audio Amp Out (Sign Wave)



4-2. Alignments and Adjustments

4-2-1. General Alignment Instuction

- 1. Usually, a color LCD-TV needs only slight touch-up adjustment upon installation. Check the basic characteristics such as height, horizontal and vertical sync.
- 2. Use the specified test equipment or its equivalent.
- 3. Correct impedance matching is essential.
- 4. Avoid overload. Excessive signal from a sweep generator might overload the front-end of the TV. When inserting signal markers, do not allow the marker generator to distort test result.
- 5. Connect the TV only to an AC power source with voltage and frequency as specified on the backcover nameplate.
- 6. Do not attempt to connect or disconnect any wire while the TV is turned on. Make sure that the power cord is disconnected before replacing any parts.
- 7. To protect against shock hazard, use an isolation transformer.

4-3. Factory Mode Adjustments

4-3-1 Entering Factory Mode

To enter 'Service Mode' Press the remote -control keys in this sequence :

- If you do not have Factory remote - control



4-3-2 How to Access Service Mode

Using the Customer Remote

- 1. Turn the power off and set to stand-by mode
- 2. Press the remote buttons in this order; POWER OFF-MUTE-1-8-2-POWER ON to turn the set on.
- 3. The set turns on and enters service mode. This may take approximately 20 seconds.
- 4. Press the Power button to exit and store data in memory.
 - If you fail to enter service mode, repeat steps 1 and 2 above.
- 5. Initial SERVICE MODE DISPLAY State

| ADC | Expert Settings |
|------------------|----------------------------------|
| ADC Target | Expert D-Settings |
| ADC Value | Expert Gray Scale |
| Option BYTE | Expert C-Space |
| ADJUST | Expert Others |
| W/B | CHECKSUM |
| W/B Movie | RESET |
| EPA standard | |
| FBE3 | T-CRLAUSC-00xx |
| VDEC | 0050 6628 00CD 1510 |
| Scaler | Micom / VER. / Month/ Day / Year |
| Sharpness | |
| PE | |
| Sound | |
| Dynamic Contrast | |
| PDP Option | |

- "T-PEONAUSC-1000" and "T-PEONASS-1000" are firmware...... over version 2000 means Micronas FRC firmware.
- 6. Buttons operations withn Service Mode

| Menu | Full Menu Display/Move to Parent Menu | |
|--------------------|---|--|
| Direction Keys ▲/▼ | Item Selection by Moving the Cursor | |
| Direction Keys ◀/► | Data Increase / Decrease for the Selected Item | |
| Source | Cycles through the active input source that are connected to the unit | |

4-3-3 Factory Data

- The sub_page of Factory mode

ADC

| Name | Default data |
|-----------------------|--------------|
| AV Calibration | - |
| Component Calibration | - |
| PC Calibration | - |
| HDMI Calibration | - |

ADC Target

| Name | Default data |
|----------------|--------------|
| 1st_AV_Low | 18 |
| 1st_AV_High | 220 |
| 1st_AV_Delta | 1 |
| 1st_COMP_Low | 16 |
| 1st_COMP_High | 235 |
| 1st_COMP_Delta | 1 |
| 1st_PC_Low | 1 |
| 1st_PC_High | 235 |
| 1st_PC_Delta | 1 |
| 2nd_AV_Low | 1 |
| 2nd_AV_High | 235 |
| 2nd_AV_Delta | 1 |
| 2nd_COMP_Low | 1 |
| 2nd_COMP_High | 235 |
| 2nd_COMP_Delta | 1 |
| 2nd_PC_Low | 1 |
| 2nd_PC_High | 235 |
| 2nd_PC_Delta | 1 |
| 2nd_HDMI_Low | 1 |
| 2nd_HDMI_High | 235 |
| 2nd_HDMI_Delta | 1 |

ADC Value

| Name | Default data |
|--------------|--------------|
| LUMA_OFFSET | 128 |
| LUMA_GAIN | 128 |
| RED_CUTOFF | 128 |
| GREEN_CUTOFF | 128 |
| BLUE_OFFSET | 128 |
| RED_GAIN | 128 |
| GREEN_GAIN | 128 |
| BLUE_GAIN | 128 |
| 2nd_R offset | 128 |
| 2nd_G offset | 128 |
| 2nd_B offset | 128 |
| 2nd_R gain | 128 |
| 2nd_G gain | 128 |
| 2nd_B gain | 128 |

Option Byte

| Name | Default data |
|-------------------|--------------|
| LCD/PDP | LCD |
| Inch | xx Inch |
| Panel Option | xxAM |
| Dimming | INT |
| Mirror | OFF |
| AV Number | 2 |
| COMP. Number | 2 |
| HDMI Number | 3 |
| Light Effect | ON |
| HeadPhone | ON |
| Anynet+(HDMI-CEC) | ON |
| Carrier Mute | OFF |
| Volume Curve | ON |
| Caption Level | ON |
| RS 232C | Auto wall |
| Gamma | 0.85 |
| Mute Time[RF] | 600mS |
| CH Memory | SAMEX |
| Shop Mode | OFF |
| PC Mode Ident | Auto |
| HPD Control | OFF |
| 7.5IRE Set | ON |
| 7.5IRE Offset | 0 |
| HDMI 1080p | OFF |
| PANEL ENTER KEY | ON |
| EER Count | 11 |
| Expert ADJ. | OFF |

Adjust

| Name | Default data |
|-----------------|--------------|
| Watchdog Enable | ON |
| Watchdog Count | 10sec |
| Spread Spectrum | OFF |
| Shop Mode | OFF |
| DEBUG MODE | DEBUG OFF |
| LVDS Format | VESA |

White Balance (Available over 26 inches. (With FBE3))

| Name | Default data |
|----------------|--------------|
| Sub Brightness | 128 |
| R-Offset | 128 |
| G-Offset | 128 |
| B-Offset | 128 |
| Sub Contrast | 128 |
| R-Gain | 128 |
| G-Gain | 128 |
| B-Gain | 128 |

White Balance Available 19 & 22 inches.(Without FBE3)

| Name | Default data |
|----------------|--------------|
| Sub Brightness | 128 |
| R-Offset | 128 |
| G-Offset | 128 |
| B-Offset | 128 |
| Sub Contrast | 128 |
| R-Gain | 128 |
| G-Gain | 128 |
| B-Gain | 128 |

White Balance Available only PDP.

| Name | Default data |
|----------------|--------------|
| Sub Brightness | 128 |
| R-Offset | 128 |
| G-Offset | 128 |
| B-Offset | 128 |
| Sub Contrast | 128 |
| R-Gain | 128 |
| G-Gain | 128 |
| B-Gain | 128 |

Adjust

| Name | Default data |
|-----------------|--------------|
| W/B MOVIE | on |
| MODE | Dynamic |
| Color Tone | Cool1 |
| MSub Brightness | 128 |
| MSub Contrast | 128 |
| W2_Rgain | 19 |
| W2_Bgain | -26 |
| W2_Roffset | -1 |
| W2_Boffset | 4 |
| W1_Rgain | 49 |
| W1_Bgain | -43 |
| W1_Roffset | -4 |
| W1_Boffset | 4 |
| NOR_Rgain | 7 |
| NOR_Bgain | -11 |
| NOR_Roffset | -2 |
| NOR_Boffset | 2 |
| C2_Rgain | -32 |
| C2_Bgain | 22 |
| C2_Roffset | 5 |
| C2_Boffset | 1 |
| Movie Contrast | 70 |
| Movie Bright | 50 |
| Movie Color | 25 |
| Movie Sharpness | 45 |
| Movie Tint | 0 |
| Movie Backlight | 5 |
| Movie Gamma | off |

EPA Standard

| Name | Default data |
|---------------------|--------------|
| Standard Contrast | 80 |
| Standard Brightness | 45 |
| Standard Sharpness | 50 |
| Standard Color | 50 |
| Standard Tint | 0 |
| Standard Backlight | 7 |

FBE3

| Name | Default data |
|---------------|--------------|
| Patt-Sel | 0 |
| B-Slope gain | 60 |
| B-Tilt min | 30 |
| B-Tilt max | 110 |
| Lfunc-Basis | 75 |
| Hfunc-Basis | 80 |
| Mean-Offset1 | 30 |
| Mean-Offset2 | 235 |
| Mean-Slope | 112 |
| ACR-Offset | 10 |
| ACR-Th1 | 10 |
| ACR-Th2 | 110 |
| Skin-Enable | ON |
| Skin-UV | 128 |
| Sub color | 128 |
| M-Skin-UV | 128 |
| M-Sub color | 128 |
| Input Format | VESA |
| Output Format | VESA |

VDEC

| Name | Default data |
|------------|--------------|
| Saturation | 80 |
| CTI_MD | 2 |
| CBCRLP_MD | 1 |

Scaler

| Name | Default data |
|------------|--------------|
| DNR_off | 0 |
| DNR_low | 2 |
| DNR_mid | 3 |
| DNR_high | 4 |
| Y_DELAY_EN | 1 |
| YC_STEP | 1 |

Sharpness

| Name | Default data |
|-----------------|--------------|
| H1 Gain | 10 |
| H2 Gain | 8 |
| H3 Gain | 8 |
| H4 Gain | 8 |
| V1 Gain | 28 |
| V2 Gain | 8 |
| H overshoot | FF |
| V overshoot | 60 |
| H undershoot | FF |
| V undershoot | 60 |
| Coring TH2 | 1 |
| Coring TH1 | 1 |
| Mid_color_level | AC |

PΕ

| Name | Default data |
|---------|--------------|
| Skin_EN | 1 |
| D_Skin | 12 |
| M_Skin | 12 |

Sound

| Name | Default data |
|---------------------|--------------|
| Carrier Mute | 1 |
| High DEV | 0 |
| CM_TH_HIGH | 2990 |
| CM_TH_LOW | 20B0 |
| ST_PILOT_TH_HIGH | D00 |
| ST_PILOT_TH_LOW | 600 |
| ST_VAR_TH_HIGH | 1800 |
| ST_VAR_TH_LOW | 1000 |
| SAP_AMP_TH_HIGH | 1 |
| SAP_AMP_TH_LOW | 4 |
| SAP_NSR_TH_HIGH | 4500 |
| SAP_NSR_TH_LOW | 3000 |
| AMP_Volume | 29 |
| AMP_Limiter_Attack | 9 |
| AMP_Limiter_Release | F |
| AMP_Post-Scale | 5C |
| AMP_Speaker EQ | 0 |
| AV Sync. | 0 |

Dynamic Contrast

| Name | Default data |
|------------------|--------------|
| Dynamic Contrast | On |
| Dynamic Dimming | off |
| Y_MEAN | 0 |

Checksum

| Name | Default data |
|------------------------|--------------|
| Checksum | 0x0000 |
| After execute CHECKSUM | |
| CHECKSUM | |
| Main : 0xB018 | |
| Back: Press Menu Key | |

Reset

4-4. White Balance - Calibration

4-4-1 White Balance - Calibration

| 1. Calibration | → | AV Calibration Comp Calibration |
|----------------|----------|---------------------------------|
| | | PC Calibration HDMI Calibration |

4-4-2 Service Adjustment - You must perform Calibration in the Lattice Pattern before adjusting the White Balance.

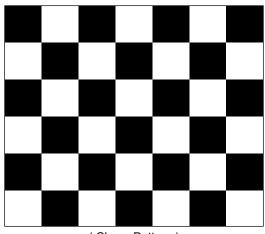
■ Color Calibration

Adjust spec.

1. Source : HDMI

2. Setting Mode : 1280*720@60Hz

3. Pattern : Pattern #24 (Chess Pattern)



(Chess Pattern)

- 4. Use Equipment: CA210 & Master MSPG925 Generator
- Use other equipment only after comparing the result with that of the Master equipment.

| Input mode | Calibration | Pattern |
|--------------------------|---|---------|
| CVBS IN (Model_#1) | Perform in NTSC B&W Pattern #24 | Lattice |
| Component IN (Model_#6) | Perform in 720p B&W Pattern #24 | Lattice |
| PC Analog IN (Model_#21) | Perform in VESA XGA (1024x768) B&W Pattern #24 | Lattice |
| HDMI IN | Perform in 720p B&W Pattern #24 | Lattice |

<Table 1>

■ Method of Color Calibration (AV)

- 1) Apply the NTSC Lattice (N0. 3) pattern signal to the AV IN 1 port
- 2) Press the Source key to switch to "AV1" mode
- 3) Enter Service mode
- 4) Select the "Calibration" menu
- 5) Select the "AV Calibration" menu.
- 6) In "AV Calibration Off" status, press the "▶" key to perform Calibration.
- 7) When Calibration is complete, it returns to the high-level menu.
- 8) You can see the change of the "AV Calibration" status from Failure to Success.

■ Method of Color Calibration (Component)

- 1) Apply the 720p Lattice (N0. 6) pattern signal to the Component IN 1 port
- 2) Press the Source key to switch to "Component1" mode
- 3) Enter Service mode
- 4) Select the "Calibration" menu
- 5) Select the "Comp Calibration" menu.
- 6) In "Comp Calibration Off" status, press the "▶" key to perform Calibration.
- 7) When Calibration is complete, it returns to the high-level menu.
- 8) You can see the change of the "Comp Calibration" status from Failure to Success.

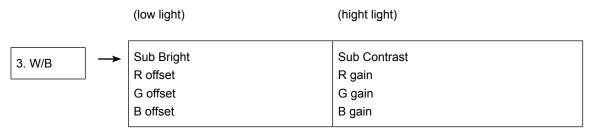
■ Method of Color Calibration (PC)

- 1) Apply the VESA XGA Lattice (N0. 21) pattern signal to the PC IN port
- 2) Press the Source key to switch to "PC" mode
- 3) Enter Service mode
- 4) Select the "Calibration" menu
- 5) Select the "PC Calibration" menu.
- 6) In "PC Calibration Off" status, press the "▶" key to perform Calibration.
- 7) When Calibration is complete, it returns to the high-level menu.
- 8) You can see the change of the "PC Calibration" status from Failure to Success.

■ Method of Color Calibration (HDMI)

- 1) Apply the 720p Lattice (N0. 6) pattern signal to the HDMI1/DVI IN port
- 2) Press the Source key to switch to "HDMI1" mode
- 3) Enter Service mode
- 4) Select the "Calibration" menu
- 5) Select the "HDMI Calibration" menu.
- 6) In "HDMI Calibration Off" status, press the "▶" key to perform Calibration.
- 7) When Calibration is complete, it returns to the high-level menu.
- 8) You can see the change of the "HDMI Calibration" status from Failure to Success.

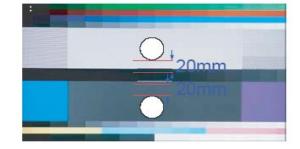
4-4-3 White Balance - Adjustment



(W/B adjustment Condition refer next page)

4-5. White Ratio (Balance) Adjustment

- 1. You can adjust the white ratio in factory mode (1:Calibration, 3:White-Balance).
- 2. Since the adjustment value and the data value vary depending on the input source, you have to adjust these in CVBS, Component 1 and HDMI 1 modes.
- 3. The optimal values for each mode are configured by default. (Refer to Table 1, 2) It varies with Panel's size and Specification.
- Equipment : CS-210
- Pattern: MIK K-7256 #92 "Flat W/B Pattern" as standard
- Use other equipment only after comparing the result with that of the Master equipment.
- Set Aging time : 60min T



- Calibration and Manual setting for WB adjustment.

HDMI: Calibration at #24 Chessboard Pattern

Manual adjustment #92 pattern (720p)

COMP: Calibration at #24 Chessboard Pattern

Manual adjustment at #92 pattern (720p)

CVBS: Calibration at #24 Chessboard Pattern

Manual adjustment at #92 pattern (NTSC)

- If finishing in HDMI mode, adjustment coordinate is almost same in AV/COMP mode.
- White Balance Manual Adjustment

| | Adjustment Coordinate | | | | |
|----------------|-----------------------|-----|-----|-----------------------|--------------|
| | | х | у | Y(L) | T(K) + MPCD |
| CVBS (NTSC) | H/L | 272 | 287 | - (Sub_CT:132) | 11,000 (+10) |
| | L/L | 272 | 287 | 12.0cd/m² (3.5 Ft) | 11,000 (+10) |
| COMP (720P) | H/L | 272 | 287 | - (Sub_CT:132) | 11,000 (+10) |
| | L/L | 272 | 287 | 12.0cd/m² (3.5 Ft) | 11,000 (+10) |
| HDMI (720P) | H/L | 272 | 287 | - (Sub_CT:132) | 11,000 (+10) |
| | L/L | 272 | 287 | 12.0cd/m² (3.5 Ft) | 11,000 (+10) |

- Adjustment Specification

White Balance: High light (± 2), Low light (± 3)

Luminance: High light (Don't care), Low light (±0.2 Ft/L)

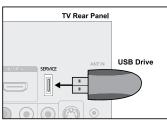
4-6. Servicing Information

4-6-1 USB Download Method

Samsung may offer upgrades for TV's firmware in the future. Please contact the Samsung call center at 1-800-SAMSUNG (7267864) to receive information about downloading upgrades and using a USB drive. Upgrades will be possible by connecting a USB drive to the USB port located on located on the back of your TV.

- Insert a USB drive containing the firmware upgrade into the SERVICE port on the rear of the TV.
 Software can not be upgraded through the LAN connection.
- Press the MENU button to display the menu.
 Press the ▲ or ▼ button to select "Setup", then press the ENTER button.
- Press the ▲ or ▼ button to select "SW upgrade", then press the ENTER button.
- Press the ENTER button.
 The message "Scanning for USB... It may take up to 30 seconds." is displayed.
- The message "Upgrade version XXXX to version XXXX The system would be reset after upgrade." is displayed.
 Press the ◀ or ▶ to select the "Yes", then press the ENTER button

Please be careful to not disconnect the power or remove the USB drive while upgrades are being applied. The TV will turn off and turn on automatically after completing the firmware upgrade. Please check the firmware version after the upgrades are complete. When software is upgraded, video and audio settings you have made will return to their default (factory) settings. We recommend you write down your settings so that you can easily reset them after the upgrade.







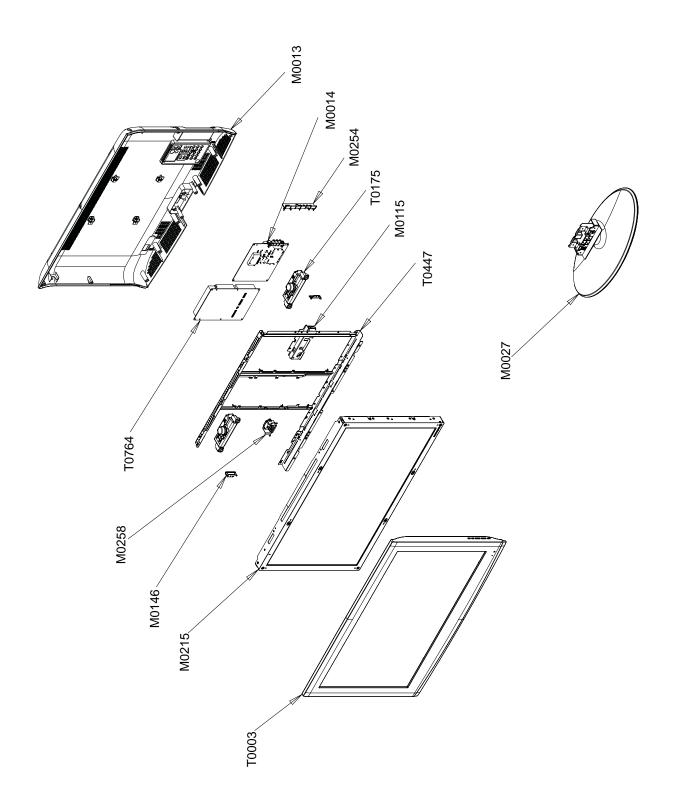


| 4 | Troi | ubles | hoo | tina |
|----|------|--------|-----|------|
| 4. | 1100 | פשוטוג | | ung |

Memo

5. Exploded View & Part List

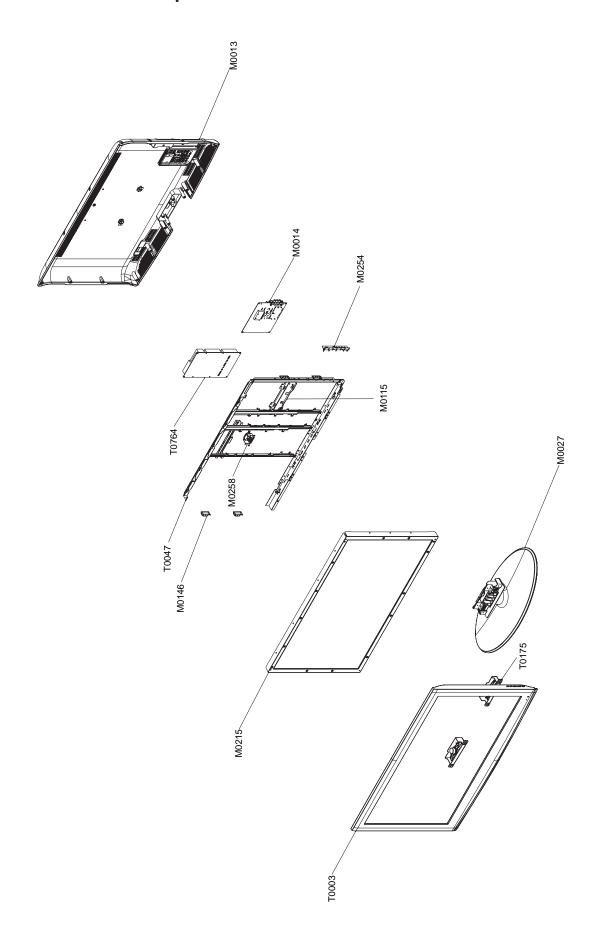
5-1. LN32A450C1D Exploded View



5-1-2. LN32A450C1D Parts List

| Location No. | Code No. | Description & Specification | Q'ty | S.A/S.N.A | Remark |
|--------------|-------------|---|------|-----------|--------|
| T0003 | BN96-06784A | ASSY COVER P-FRONT;32L450,UO,PC+ABS,V0,B | 1 | S.A | |
| M0215 | BN07-00521A | LCD-PANEL;LTF320AB01 | 1 | S.A | |
| M0146 | BN61-03265A | BRACKET-PANEL SIDE; JASMINE, SECC 1.2, AMLC | 2 | S.N.A | |
| T0447 | BN96-06958A | ASSY BRACKET P-PANEL | 1 | S.N.A | |
| M0115 | BN61-02947A | BRACKET-STAND LINK;JASMINE 32",SECC,T1.6 | 1 | S.A | |
| T0175 | BN96-06818A | ASSY SPEAKER P;8ohm,CORAL,LCD,PDP,10W,4p | 1 | S.A | |
| M0254 | BN61-03699B | HOLDER-SIDE AV;32L450,UO,HIPS,HB,BK500 | 1 | S.N.A | |
| M0014 | BN94-01638D | ASSY PCB MAIN-AMLCD;LN32A450C1DXZA,N45A | 1 | S.A | |
| M0013 | BN96-06462A | ASSY COVER P-REAR;32L450,UO,HIPS,V0,BK50 | 1 | S.A | |
| M0027 | BN96-06464A | ASSY STAND P-BASE;32L450,,ABS+PMMA,HB,BK | 1 | S.A | |
| T0764 | BN44-00214A | SMPS-LCDTV;MK32P5B,DYREL,AC/DC,137W,AC10 | 1 | S.A | |
| M0258 | BN39-00615Q | CBF HARNESS-INLET SOCKET;LN40A450C1D,UL1 | 1 | S.A | |

5-2. LN37A450C1D Exploded View



5-2-1. LN37A450C1D Parts List

| Location No. | Code No. | Description & Specification | Q'ty | S.A/S.N.A | Remark |
|--------------|-------------|--|------|-----------|--------|
| T0003 | BN96-06785A | ASSY COVER P-FRONT;37L450,UO,PC+ABS,V0,B | 1 | S.A | |
| T0175 | BN96-06818A | ASSY SPEAKER P;8ohm,CORAL,LCD,PDP,10W,4p | 1 | S.A | |
| M0215 | BN07-00507A | LCD-PANEL;CLAA370WF02S,8bit,37inch,16.7M | 1 | S.A | |
| M0146 | BN61-02419A | BRACKET-PANEL SIDE;SONOMA 32,SECC,T1.2,A | 4 | S.N.A | |
| T0447 | BN96-06959C | ASSY BRACKET P-PANEL;37L450,UO,CPT,,SECC | 1 | S.N.A | |
| M0258 | BN39-00615Q | CBF HARNESS-INLET SOCKET;LN40A450C1D,UL1 | 1 | S.A | |
| M0115 | BN61-02882A | BRACKET-STAND LINK;TULIP,40,SECC,T1.6,-, | 1 | S.A | |
| M0254 | BN61-03699B | HOLDER-SIDE AV;32L450,UO,HIPS,HB,BK500 | 1 | S.N.A | |
| T0764 | BN44-00217A | SMPS-LCDTV;MK37P5B,SEM,AC/DC,171W,AC100 | 1 | S.A | |
| M0014 | BN94-01638E | ASSY PCB MAIN-CPT;LN37A450C1DXZA,N45A | 1 | S.A | |
| M0013 | BN96-06789A | ASSY COVER P-REAR;37L450,UO,HIPS,V0,BK50 | 1 | S.A | |
| M0027 | BN96-07182A | ASSY STAND P-BASE;37,40L450,UO,ABS+PMMA, | 1 | S.A | |

5-3. LN32A450C1D Parts List

| Level | Location No. | Code No. | Description & Specification | Q'ty | SA/SNA | Remark |
|-------|--------------|----------------|--|------|--------|--------|
| | | LN32A450C1DXZC | LN32A450C1D,N45B/32AC1-GCR,32,LCD-TV,CAN | | | |
| | | | | | | |
| 0.1 | M0001 | BN90-01501A | ASSY COVER FRONT;32L450,UO,,, | 1 | S.N.A | |
| 2 | T0175 | BN96-06818A | ASSY SPEAKER P;8ohm,CORAL,LCD,PDP,10W,4p | 1 | S.A | |
| 2 | T0003 | BN96-06784P | ASSY COVER P-FRONT;32L450,UO,PC+ABS,V0,B | 1 | S.A | |
| 3 | M0081 | 6003-001188 | SCREW-TAPTITE;BH,+,-,B,M4,L10,ZPC(WHT),S | 1 | S.N.A | |
| 3 | M0081 | 6003-001188 | SCREW-TAPTITE;BH,+,-,B,M4,L10,ZPC(WHT),S | 2 | S.N.A | |
| 3 | M0279 | AA63-01637A | FELT;50P9,FELT,0.5,10,80 | 1 | S.N.A | |
| 3 | CCM1 | BN63-02183F | COVER-SHEET;Rhcm,PE Vinyl,T0.05,900mm,20 | 0.74 | S.N.A | |
| 3 | M0112 | BN63-04166A | COVER-FRONT;32L450,UO,PC+ABS,-,-,-,V0,-, | 1 | S.N.A | |
| 3 | T0059 | BN64-00379A | INDICATOR LED;ROME-II,23,PC,CLEAR | 1 | S.N.A | |
| 3 | T0061 | BN64-00453A | WINDOW-REMOCON;32R71,PC,V0,VIOLET,DIFFUS | 1 | S.N.A | |
| 3 | T0022 | BN64-00755A | KNOB-CONTROL;32L450,ABS,V0,BK07 | 1 | S.N.A | |
| 3 | DECO/BOT | BN64-00756A | DECORATION-BOTTOM;L450 32INCH,PC,-,-,- | 1 | S.N.A | |
| 3 | A/HBOSS | BN96-06794A | ASSY HOLDER P-BOSS;32L450,UO,HIPS,V0,,BK | 1 | S.N.A | |
| 4 | H/BOSS | BN61-03675A | HOLDER-BOSS BOTTOM;32L450,UO,HIPS,V0,-,- | 1 | S.N.A | |
| 4 | | BN61-03261B | BOSS-TAPE;Tulip,ACRYL,T1.1,W20mm,GRAY,TA | 0.57 | S.N.A | |
| 3 | T0069 | BP60-00015R | SPACER-FELT;L450,FELT,L710,BLK,T0.35,W10 | 2 | S.N.A | |
| 3 | T0069 | BP60-00015S | SPACER-FELT;L450 32",FELT,L410,BLK,T0.35 | 2 | S.N.A | |
| 3 | M0145 | BN96-07269A | ASSY BOARD P-FUNCTION;LN40A450C1D,CT5000 | 1 | S.A | |
| 3 | M0146 | BN96-07270D | ASSY BOARD P-POWER & IR;LN32A450C1D,CT50 | 1 | S.A | |
| | | | | | | |
| 0.1 | M0002 | BN90-01506A | ASSY COVER REAR;32L450,UO,,, | 1 | S.N.A | |
| 2 | T0081 | 6002-001294 | SCREW-TAPPING;BH,+,,M4,L16,ZPC(BLK) | 1 | S.A | |
| 2 | T0081 | 6002-001294 | SCREW-TAPPING;BH,+,,M4,L16,ZPC(BLK) | 1 | S.A | |
| 2 | T0081 | 6002-001294 | SCREW-TAPPING;BH,+,,M4,L16,ZPC(BLK) | 11 | S.A | |
| 2 | M0013 | BN96-06462A | ASSY COVER P-REAR;32L450,UO,HIPS,V0,BK50 | 1 | S.A | |
| 3 | M0081 | 6003-001188 | SCREW-TAPTITE;BH,+,-,B,M4,L10,ZPC(WHT),S | 4 | S.N.A | |
| 3 | T0101 | BN61-03348A | BRACKET-WALL;LCD TV 32,SECC T1.2,-,-,- | 4 | S.N.A | |
| 3 | M0006 | BN63-04172A | COVER-REAR;32L450,UO,HIPS,-,-,-,V0,-,BK5 | 1 | S.N.A | |
| 3 | T0071 | BN64-00759A | INLAY-TERMINAL;L450,UO,PS SHEET,T0.5,104 | 1 | S.N.A | |
| 3 | T0064 | BN65-00002A | CLAMPER CORE;BORDEAUX,LDPE,-,-,BLK,- | 1 | S.N.A | |
| 3 | T0069 | AA60-00091J | SPACER-FELT;-,FELT,330X10,-,-,BLK,T0.5,- | 2 | S.N.A | |
| | | | | | | |
| 0.1 | M0216 | BN90-01512A | ASSY STAND;32L450,UO,,, | 1 | S.N.A | |
| 2 | T0920 | BN61-03868A | GUIDE-STAND;L450 32INCH,PC+GF(20%) V0,BL | 1 | S.N.A | |
| 2 | C/STAND | BN63-04356A | COVER-STAND NECK;L450 32INCH,ABS+PMMA,HB | 1 | S.N.A | |
| 2 | M0027 | BN96-06464A | ASSY STAND P-BASE;32L450,,ABS+PMMA,HB,BK | 1 | S.A | |
| 3 | T0081 | 6002-001294 | SCREW-TAPPING;BH,+,,M4,L16,ZPC(BLK) | 4 | S.A | |
| 3 | M0081 | 6003-001239 | SCREW-TAPTITE;FH,+,-,B,M4,L10,ZPC(WHT),S | 4 | S.A | |
| 3 | H/WRTOP | BN61-02232A | HOLDER-SWIVEL RING;32R71,ACETAL NATUAL,N | 1 | S.N.A | |
| 3 | H/WRBOTTOM | BN61-02233A | HOLDER-SWIVEL RING;32R71,ACETAL NATUAL,N | 1 | S.N.A | |
| 3 | B/HSWIVEL | BN61-02236A | BRACKET-HINGE SWIVEL;BORDEAUX 32,SECC,T1 | 1 | S.N.A | |
| 3 | B/SBOTTOM | BN61-02942A | BRACKET-STAND BOTTOM;32,BORDEAUX PLUS,SE | 1 | S.N.A | |
| 3 | CCM1 | BN63-02183D | COVER-SHEET;Rhcm,PE Vinyl,T0.05,680mm,20 | 0.4 | S.N.A | |
| 3 | T0004 | BN63-04355A | COVER-STAND BASE;L450 32INCH,ABS+PMMA,HB | 1 | S.N.A | |
| 3 | ASTGUIDE | BN96-07934A | ASSY STAND P-GUIDE;L450,V0,BLK,40INCH,PC | 1 | S.N.A | |
| 4 | | BN61-02932B | BRACKET-STOPPER NUT;L450,M4,OD8,-,-,L24, | 3 | S.N.A | |

| | Level | Location No. | Code No. | Description & Specification | Q'ty | SA/SNA | Remark |
|---|-------|--------------|-------------|--|------|--|--------|
| 2 T0524 6902-000520 BAG PE;HDPE/NITRON(DOUBLE),T0.015/T0.5(D 1 S.N.A 0.1 A/CHASSIS BN91-01973H ASSY CHASSIS-SSD;LN32A450C1DXZA 1 S.N.A 1.2 M0014 BN94-01638H ASSY PCB MAIN-SSD;LN32A450C1DXZA 1 S.N.A3 T0245 0202-001608 SOLDER-WIRE FLUX;LFC7-107,DD.8;99.35n/0 0.25 S.N.A3 JA801S 3701-00138B CONNECTOR-HDMI;20P,Phosphor Bronze,ANGLE 1 S.A3 JA7003 3701-001400 CONNECTOR-DSUB;15P,3R,FEMALE,STRAIGHT,NI 1 S.A3 CN930 3701-001881 CONNECTOR-DSUB;15P,3R,FEMALE,STRAIGHT,NI 1 S.A3 CN330 3711-000388 HEADER-BOARD TO CABLE;BOX,4P,1R,2.5MM,AN 1 S.A3 CN330 3711-0003846 HEADER-BOARD TO CABLE;BOX,4P,1R,2.5MM,AN 1 S.A3 CN330 3711-003846 HEADER-BOARD TO CABLE;BOX,4P,1R,2.5MM,AN 1 S.A3 CN330 3711-003846 HEADER-BOARD TO CABLE;BOX,8P,1R,2mm,STRA 1 S.A3 CN330 3711-005806 HEADER-BOARD TO CABLE;BOX,8P,1R,2mm,STRA 1 S.A3 CN330 3711-005806 HEADER-BOARD TO CABLE;BOX,3P,1R,2mm,STRA 1 S.A3 CN330 3711-005806 HEADER-BOARD TO CABLE;BOX,3P,2R,2mm,STR 1 S.A3 JA330 3722-000143 JACK-PHONE;1P,VER),AG,BLK,ANGLE 1 S.A3 JA330 3722-00161 JACK-PHONE;1P,VER),AG,BLK,ANGLE 1 S.A3 JA330 3722-00161 JACK-PHONE;1P,VER),AG,BLK,N 1 S.A3 JA303 3722-002275 JACK-PHONE;1P,S,B-PI,AG,BLK,N 1 S.A3 JA7004 3722-002516 JACK-JBS,4P/1C,AU30LJBK,STRAIGHT,A TYPE 1 S.A3 JA330 3722-002635 JACK-PHO;P,S-P,S,N-P,EL/WHT/RED,ANGLE 1 S.A3 JA333 3722-002635 JACK-PIN;P,S-R,S,P,S-P,S-P,E 1 S.N.A3 M0107 BN93-019874 SHIELD-COVER;ROME,SPTE,TO,3,9S,5/9,S,HE 1 S.N.A3 MS90 BN97-01999H ASSY SMD-SSD;LN32A450C1DXZA 1 S.N.A3 MSMD BN97-01999H ASSY SMD-SSD;LN32A450C1DXZA 1 S.N.A4 D9005 0401-0001033 DIODE-SWITCHING;RLS4148,75V,150mA,LL-34, 1 S.A4 D2002 0401-001056 DIODE-SWITCHING;RLS4148,75V,150mA,LL-34, 1 S.A4 D2002 0401-001056 DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO 1 S.A4 D2009 0401-001056 DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO 1 S.A4 D2009 0401-001056 DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO 1 S.A4 D2000 0401-001056 DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO 1 S.A4 D7012 0401-001056 DIOD | 4 | | BN61-03872A | GUIDE-STAND BOTTOM;L450 32INCH,PC+GF(20% | 1 | S.N.A | |
| 2 T0524 6902-000520 BAG PE;HDPE/NITRON(DOUBLE),T0.015/T0.5(D 1 S.N.A 0.1 N/CHASSIS BN91-01973H ASSY CHASSIS-SD;LN32A450C1DXZA 1 S.N.A 1 S. | 3 | M0126 | BN73-00052C | | 4 | S.N.A | |
| 0.1 A/CHASSIS BN91-01973H ASSY CHASSIS-SSD,LN32A450C1DXZA 1 S.N.A 2 M0014 BN94-01638H ASSY PCB MAIN-SSD,LN32A450C1DXZA 1 S.A 3 T0246 0202-001608 SOLDER-WIRE FLUXL;FC7-107,D0.8,99.35n/0. 0.25 S.N.A 3 JA801S 3701-001388 CONNECTOR-DBUB;15P.3R,FEMALE,STRAIGHT,NI 1 S.A 3 JA7003 3701-001400 CONNECTOR-DBUB;15P.3R,FEMALE,STRAIGHT,NI 1 S.A 3 CN930 3701-00181 CONNECTOR-OPTICAL;STRAIGHT,SPDIF 1 S.A 3 CN330 3711-000384 HEADER-BOARD TO CABLE;BOX,4P1R,2.5MM,AN 1 S.A 3 CN330 3711-005846 HEADER-BOARD TO CABLE;BOX,5P1R,2mm,ANGL 1 S.A 3 CN330 3711-005842 HEADER-BOARD TO CABLE;BOX,5P1R,2mm,STR 1 S.A 3 CN330 3711-005842 HEADER-BOARD TO CABLE;BOX,5P1R,2mm,STR 1 S.A 3 JA330 3722-0026163 JACK-PHONE;1P;VER),AG,BLK,ANDLE 1 | 2 | T0524 | 6902-000520 | | 1 | S.N.A | |
| | | | | | | | |
| | 0.1 | A/CHASSIS | BN91-01973H | ASSY CHASSIS-SSD;LN32A450C1DXZA | 1 | S.N.A | |
| 3 JA801S 3701-001388 CONNECTOR-HDMI;20P,Phosphor Bronze,ANGLE 1 S.A3 JA7003 3701-001400 CONNECTOR-DSUB;15P,3R,FEMALE,STRAIGHT,NI 1 S.A3 CN303 3701-001081 CONNECTOR-DSUB;15P,3R,FEMALE,STRAIGHT,NI 1 S.A3 CN303 3701-00058 HEADER-BOARD TO CABLE;BOX,4P,1R,2.5MM,AN 1 S.A3 CN330 3711-000584 HEADER-BOARD TO CABLE;BOX,8P,1R,2mm,ANGL 1 S.A3 CN330 3711-003846 HEADER-BOARD TO CABLE;BOX,8P,1R,2mm,ANGL 1 S.A3 CN330 3711-003846 HEADER-BOARD TO CABLE;BOX,8P,1R,2mm,ANGL 1 S.A3 CN330 3711-005606 HEADER-BOARD TO CABLE;BOX,8P,1R,2mm,ANTR 1 S.A3 CN330 3711-005606 HEADER-BOARD TO CABLE;BOX,2P,2R,2mm,STR 1 S.A3 CN330 3711-005642 HEADER-BOARD TO CABLE;BOX,24P,2R,2MM,STR 1 S.A3 JA330 3722-000143 JACK-PHONE;1P(VER),AG,BLK,ANGLE 1 S.A3 JA330 3722-001061 JACK-PHONE;1P(VER),AG,BLK,ANGLE 1 S.A3 JA330 3722-001061 JACK-PHONE;1P(VER),AG,BLK,N 1 S.A3 JA7004 3722-002516 JACK-USB;4P/1C,AU30U,BLK,STRAIGHT,ATYPE 1 S.A3 JA7004 3722-002516 JACK-USB;4P/1C,AU30U,BLK,STRAIGHT,ATYPE 1 S.A3 JA7004 3722-002516 JACK-USB;4P/1C,AU30U,BLK,STRAIGHT,ATYPE 1 S.A3 JA333 3722-002635 JACK-PIN;3P,Sn,YEL/WHT/RED,ANGLE 1 S.A3 JA333 3722-002635 JACK-PIN;3P,Sn,YEL/WHT/RED,ANGLE 1 S.A3 M0107 BN63-01847A SHIELD-COVER;ROME,SPTE,TO.3,49,579,5,HE 1 S.N.A3 M0107 BN63-01847A SHIELD-COVER;ROME,SPTE,TO.3,49,579,5,HE 1 S.N.A3 LOCKMI BN73-00024D SILICON/RUBBER;BORDEAUX,SILICON/28x28XT6 1 S.N.A4 D2005 0401-000133 DIODE-SWITCHING;RLS4148,75V,150mA,LL-34, 1 S.A4 D2005 0401-000133 DIODE-SWITCHING;RLS4148,75V,150mA,LL-34, 1 S.A4 D2006 0401-001056 DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO 1 S.A4 D2008 0401-001056 DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO 1 S.A4 D2009 0401-001056 DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO 1 S.A4 D2009 0401-001056 DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO 1 S.A4 D2009 0401-001056 DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO 1 S.A4 D7001 0401-001056 DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO 1 S.A4 D7001 0401-001056 DIODE-SWITCHING;MMBD4148SE,100V,200 | 2 | M0014 | BN94-01638H | · | 1 | S.A | |
| 3 JA7003 3701-001400 CONNECTOR-DSUB;15P,3R,FEMALE,STRAIGHT,NI 1 S.A CN906 3707-001081 CONNECTOR-OPTICAL,STRAIGHT,SPDIF 1 S.A CN30 3711-000058 HEADER-BOARD TO CABLE;BOX,8P,1R,2SMM,AN 1 S.A CN330 3711-000058 HEADER-BOARD TO CABLE;BOX,8P,1R,2mm,ANGL 1 S.A CN330 3711-003846 HEADER-BOARD TO CABLE;BOX,8P,1R,2mm,ANGL 1 S.A CN330 3711-005842 HEADER-BOARD TO CABLE;BOX,5P,1R,2mm,STRA 1 S.A CN330 3711-005842 HEADER-BOARD TO CABLE;BOX,5P,1R,2mm,STRA 1 S.A CN330 3711-005842 HEADER-BOARD TO CABLE;BOX,24P,2R,2MM,STR 1 S.A JA330 3722-000143 JACK-PHONE;1P(VER),AG,BLK,N 1 S.A JA330 3722-000161 JACK-PHONE;1P(VER),AG,BLK,N 1 S.A JA330 3722-002575 JACK-PHONE;1P,VER),AG,BLK,N 1 S.A JA303 JA806S 3722-002275 JACK-PHONE;1P,SP,IR,BLK, 1 S.A JA7004 3722-002516 JACK-USB,4P/1C,AU30U,BLK,STRAIGHT,ATYPE 1 S.A JA7004 3722-002516 JACK-USB,4P/1C,AU30U,BLK,STRAIGHT,ATYPE 1 S.A JA333 3722-002635 JACK-PIN;3P,SR,YEL/WHT/RED,ANGLE 1 S.A JA333 3722-002635 JACK-PIN;3P,SR,YEL/WHT/RED,ANGLE 1 S.A CIS3 AA40-00177A TUNER;TDQUG-K01A,TDQUG-K01A,NTSC/ATSC,18 1 S.A JA331 CIS3 AA40-00177A TUNER;TDQUG-K01A,TDQUG-K01A,NTSC/ATSC,18 1 S.A JA330 CIS3 AA40-00177A SHIELD-COVER;ROME,SPTE,T0.3,49,5,79,5,HE 1 S.N.A SHIELD-COVER;ROME,SPTE,T0.3,49,5,79 | 3 | T0245 | 0202-001608 | SOLDER-WIRE FLUX;LFC7-107,D0.8,99.3Sn/0. | 0.25 | S.N.A | |
| 3 CN906 3707-001081 CONNECTOR-OPTICAL;STRAIGHT,SPDIF 1 S.A CN330 3711-00058 HEADER-BOARD TO CABLE;BOX,4P,1R,2:SMM,AN 1 S.A CN330 3711-003846 HEADER-BOARD TO CABLE;BOX,8P,1R,2m,ANGL 1 S.A CN330 3711-004848 HEADER-BOARD TO CABLE;BOX,5P,1R,2m,ANGL 1 S.A CN330 3711-004848 HEADER-BOARD TO CABLE;BOX,5P,1R,2m,M,STRA 1 S.A CN330 3711-005606 HEADER-BOARD TO CABLE;BOX,5P,1R,2m,M,STR 1 S.A CN330 3711-005842 HEADER-BOARD TO CABLE;BOX,24P,2R,2m,M,STR 1 S.A JA330 3722-000143 JACK-PHONE;1P(VER),AG,BLK,ANGLE 1 S.A JA330 3722-001061 JACK-PHONE;1P,VER),AG,BLK,ANGLE 1 S.A JA330 3722-00255 JACK-DIN;4P,-SN,BLK,- 1 S.A JA330 JA2004 3722-00255 JACK-DIN;4P,-SN,BLK,- 1 S.A JA333 JA333 3722-00255 JACK-DIN;4P,-SN,BLK,- 1 S.A JA333 JA333 3722-002635 JACK-USB,4P/1C,AU30U,BLK,STRAIGHT,A TYPE 1 S.A JA331 JA333 3722-002635 JACK-USB,4P/1C,AU30U,BLK,STRAIGHT,A TYPE 1 S.A JA333 JA333 3722-002635 JACK-USB,4P/1C,AU30U,BLK,STRAIGHT,A TYPE 1 S.A JA333 SPASS JASS JACK-USB,4P/1C,AU30U,BLK,STRAIGHT,A TYPE 1 S.A JA333 AND JA333 JA323-002635 JACK-USB,4P/1C,AU30U,BLK,STRAIGHT,A TYPE 1 S.A JA333 AND JA333 JA323-002635 JACK-USB,4P/1C,AU30U,BLK,STRAIGHT,A TYPE 1 S.A JA333 JA333 AND JA333 SPASS JASS JASS JASS JASS JASS JASS JAS | 3 | JA801S | 3701-001388 | CONNECTOR-HDMI;20P,Phosphor Bronze,ANGLE | 1 | S.A | |
| 3 CN330 3711-00058 HEADER-BOARD TO CABLE;BOX,4P,1R,2.5MM,AN 1 S.A CN330 3711-003846 HEADER-BOARD TO CABLE;BOX,8P,1R,2mm,ANGL 1 S.A CN330 3711-004484 HEADER-BOARD TO CABLE;BOX,8P,1R,2mm,STRA 1 S.A CN330 3711-005606 HEADER-BOARD TO CABLE;BOX,5P,1R,2mm,STRA 1 S.A CN330 3711-005606 HEADER-BOARD TO CABLE;BOX,3P,2R,2mm,STRA 1 S.A CN330 3711-005842 HEADER-BOARD TO CABLE;BOX,24P,2R,2mM,STR 1 S.A JA330 3722-000143 JACK-PHONE;1P(VER),AG,BLK,ANGLE 1 S.A JA330 3722-001661 JACK-PHONE;1P(VER),AG,BLK,ANGLE 1 S.A JA330 3722-002575 JACK-DIN;4P,,SN,BLK,- 1 S.A JA330 JA7004 3722-002576 JACK-DIN;4P,,SN,BLK,- 1 S.A JA333 JA333 3722-002516 JACK-USB;4P/1C,AU30U,BLK,STRAIGHT,ATYPE 1 S.A JA330 3722-002516 JACK-USB;4P/1C,AU30U,BLK,STRAIGHT,ATYPE 1 S.A JA333 3722-002635 JACK-PIN;3P,Sn,YELWHT/RED,ANGLE 1 S.A JA334 SAMD BN63-01847A SHIELD-COVER;ROME,SPTE,T03,493,579.5,HE 1 S.N.A JA344 SHIBS SHIPS SHIP | 3 | JA7003 | 3701-001400 | CONNECTOR-DSUB;15P,3R,FEMALE,STRAIGHT,Ni | 1 | S.A | |
| 3 CN330 3711-003846 HEADER-BOARD TO CABLE;BOX,8P,1R,2mm,ANGL 1 S.A CN330 3711-004484 HEADER-BOARD TO CABLE;BOX,5P,1R,2mm,STRA 1 S.A CN330 3711-005606 HEADER-BOARD TO CABLE;BOX,5P,1R,2mm,STRA 1 S.A CN330 3711-005606 HEADER-BOARD TO CABLE;BOX,30P,2R,2mm,STR 1 S.A CN330 3711-005642 HEADER-BOARD TO CABLE;BOX,24P,2R,2MM,STR 1 S.A JA330 3722-000143 JACK-PHONE;1P(VER),AG,BLK,ANGLE 1 S.A JA330 3722-001061 JACK-PHONE;1P(VER),AG,BLK,ANGLE 1 S.A JA330 3722-0020275 JACK-DIN;4P,-SN,BLK,- 1 S.A JA330 JAROS 3722-002275 JACK-DIN;4P,-SN,BLK,- 1 S.A JACK-DIN;4P,-SN,BLK,- | 3 | CN906 | 3707-001081 | CONNECTOR-OPTICAL;STRAIGHT,SPDIF | 1 | S.A | |
| 3 CN330 3711-003846 HEADER-BOARD TO CABLE:BOX,8P,1R,2mm,ANGL 1 S.A CN330 3711-004484 HEADER-BOARD TO CABLE:BOX,5P,1R,2mm,STRA 1 S.A CN330 3711-005606 HEADER-BOARD TO CABLE:BOX,5P,1R,2mm,STRA 1 S.A CN330 3711-005606 HEADER-BOARD TO CABLE:BOX,30P,2R,2mm,STR 1 S.A CN330 3711-005642 HEADER-BOARD TO CABLE:BOX,24P,2R,2MM,STR 1 S.A JA330 3722-000143 JACK-PHONE;1P(VER),AG,BLK,ANGLE 1 S.A JA330 3722-00161 JACK-PHONE;1P(VER),AG,BLK,ANGLE 1 S.A JA330 3722-002165 JACK-DIN;4P,-SN,BLK,- 1 S.A JA30 JA304 3722-002275 JACK-DIN;4P,-SN,BLK,- 1 S.A JA304 3722-002275 JACK-DIN;4P,-SN,BLK,- 1 S.A JA333 JA304 3722-002516 JACK-USB,4P/1C,AU30U,BLK,STRAIGHT,A TYPE 1 S.A JA333 JA333 3722-002635 JACK-PIN;3P,Sn,YEL/WHT/RED,ANGLE 1 S.A JA333 JA333 3722-002635 JACK-PIN;3P,Sn,YEL/WHT/RED,ANGLE 1 S.A JA333 JA304-00177A TUNER;TDQU6-K01A,TDQU6-K01A,NTSC/ATSC,18 1 S.A JA333 CIS3 AA40-00177A TUNER;TDQU6-K01A,TDQU6-K01A,NTSC/ATSC,18 1 S.A JA333 CIS3 AA40-00177A SHIELD-COVER;ROME,SPTE,TO.3,49.5,79.5,HE 1 S.N.A JAMD BN97-01995H ASSY SMD-SSD;LN32A450C1DXZA 1 S.N.A JAMD BN97-010995 DIODE-SWITCHING;RLS4148,75V,150mA,LL-34, 1 S.A JAMD DIODE-SWITCHING;RLS4148,75V,150mA,LL-34, 1 S.A JAMD DIODE-SWITCHING;RLS4148,75V,150mA,LL-34, 1 S.A JAMD DIODE-SWITCHING;RLS4148,75V,150mA,LL-34, 1 S.A JAMD DIODE-SWITCHING;RMBD4148SE,100V,200mA,SO 1 S.A JAMD DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO 1 S.A J | | CN330 | 3711-000058 | HEADER-BOARD TO CABLE;BOX,4P,1R,2.5MM,AN | 1 | S.A | |
| 3 CN330 3711-004484 HEADER-BOARD TO CABLE;BOX,5P,1R,2mm,STRA 1 S.A CN330 3711-005606 HEADER-BOARD TO CABLE;BOX,30P,2R,2mm,STR 1 S.A CN330 3711-005842 HEADER-BOARD TO CABLE;BOX,30P,2R,2MM,STR 1 S.A JA330 3722-000143 JACK-PHONE;1P(VER),AG,BLK,ANGLE 1 S.A JA330 3722-001061 JACK-PHONE;1P(VER),AG,BLK,ANGLE 1 S.A JA330 3722-001061 JACK-PHONE;1P,3.6PI,AG,BLK,N 1 S.A JA806S 3722-002275 JACK-DIN;4P,-SN,BLK,- 1 S.A JA7004 3722-002516 JACK-USB;4P/1C,AU30U,BLK,STRAIGHT,A TYPE 1 S.A JA333 3722-002635 JACK-USB;4P/1C,AU30U,BLK,STRAIGHT,A TYPE 1 S.A JA333 3722-002635 JACK-PIN;3P,Sn,YELWHT/RED,ANGLE 1 S.A JASS AA0-00177A TUNER;TDQU6-K01A,TDQU6-K01A,NTSC/ATSC,18 1 S.A JASS AA0-00177A TUNER;TDQU6-K01A,TDQU6-K01A,NTSC/ATSC,18 1 S.A JASS AMD BN63-01847A SHIELD-COVER;ROME,SPTE,TO.3,49.5,79.5,HE 1 S.N.A JASS AVSMD BN97-01995H ASSY SMD-SSD;LN32A450C1DXZA 1 S.N.A JASS AVSMD BN97-01995H ASSE SMD-SSD;LN32A450C1DXZA 1 S.N.A JASS AVSMD B | | | 3711-003846 | HEADER-BOARD TO CABLE;BOX,8P,1R,2mm,ANGL | 1 | | |
| 3 CN330 3711-005606 HEADER-BOARD TO CABLE;BOX,30P,2R,2mm,STR 1 S.A CN330 3711-005842 HEADER-BOARD TO CABLE;BOX,24P,2R,2MM,STR 1 S.A JA330 3722-000143 JACK-PHONE;1P(VER),AG,BLK,ANGLE 1 S.A JA330 3722-001061 JACK-PHONE;1P,0ER),AG,BLK,NN 1 S.A JA606S 3722-002275 JACK-DIN;4P,-SN,BLK,- 1 S.A JA7004 3722-002276 JACK-DIN;4P,-SN,BLK,- 1 S.A JA7004 3722-002516 JACK-USB;4P/1C,AU30U,BLK,STRAIGHT,A TYPE 1 S.A JA7004 3722-002535 JACK-PHONE;1P3.6P1,AG,BLK,NN 1 S.A JA7004 3722-002535 JACK-PHO,SP,SN,YELWHT/RED,ANGLE 1 S.A JA701 SA JA701 3722-002635 JACK-PHO,SP,SN,YELWHT/RED,ANGLE 1 S.A JA701 SA | | | | | 1 | | |
| 3 CN330 3711-005842 HEADER-BOARD TO CABLE;BOX,24P,2R,2MM,STR 1 S.A3 JA330 3722-000143 JACK-PHONE;1P(VER),AG,BLK,ANGLE 1 S.A3 JA330 3722-001061 JACK-PHONE;1P(VER),AG,BLK,N 1 S.A3 JA300 3722-002275 JACK-DIN;4P,-,SN,BLK,- 1 S.A3 JA806S 3722-002275 JACK-DIN;4P,-,SN,BLK,- 1 S.A3 JA7004 3722-002516 JACK-USB;4P/1C,AU30U,BLK,STRAIGHT,A TYPE 1 S.A3 JA333 3722-002635 JACK-PIN;3P,SN,YEL/WHT/RED,ANGLE 1 S.A3 LS3 AA40-00177A TUNER;TDQU6-K01A,TDQU6-K01A,NTSC/ATSC,18 1 S.A3 M0107 BN63-01847A SHIELD-COVER;ROME,SPTE,T0.3,49.5,79.5,HE 1 S.N.A3 CCMM1 BN73-00024D SILICON/RUBBER;BORDEAUX,SILICON,28x28XT6 1 S.N.A3 A/SMD BN97-01995H ASSY SMD-SSD;LN32A450C1DXZA 1 S.N.A4 SUB05 0202-001477 SOLDER-CREAM;LST309-M,-D20-45##,96.5Sn/ 2.094 S.N.A4 D9005 0401-000133 DIODE-SWITCHING;RLS4148,75V,150mA,LL-34, 1 S.A4 D2002 0401-001056 DIODE-SWITCHING;RLS4148,75V,150mA,LL-34, 1 S.A4 D2002 0401-001056 DIODE-SWITCHING;RMBD4148SE,100V,200mA,SO 1 S.A4 D2004 0401-001056 DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO 1 S.A4 D2008 0401-001056 DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO 1 S.A4 D2009 0401-001056 DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO 1 S.A4 D7002 0401-001056 DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO 1 S.A4 D7002 0401-001056 DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO 1 S.A4 D7002 0401-001056 DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO 1 S.A4 D7001 0401-001056 DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO 1 S.A4 D7012 0401-001056 DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO 1 S.A4 D7012 040 | | | | | | | |
| 3 JA330 3722-000143 JACK-PHONE;1P(VER),AG,BLK,ANGLE 1 S.A3 JA330 3722-001061 JACK-PHONE;1P,3.6PI,AG,BLK,N 1 S.A3 JA806S 3722-002275 JACK-DIN;4P,-;SN,BLK,- 1 S.A3 JA7004 3722-002516 JACK-USB;4P/1C,AU30U,BLK,STRAIGHT,A TYPE 1 S.A3 JA7004 3722-002516 JACK-USB;4P/1C,AU30U,BLK,STRAIGHT,A TYPE 1 S.A3 JA333 3722-002635 JACK-PIN;3P,SN,YEL/WHT/RED,ANGLE 1 S.A3 CIS3 AA40-00177A TUNER;TDQU6-K01A,TDQU6-K01A,NTSC/ATSC,18 1 S.A3 M0107 BN63-01847A SHIELD-COVER;ROME,SPTE,T0.3,49.5,79.5,HE 1 S.N.A3 CCMM1 BN73-00024D SILICON/RUBBER;BORDEAUX,SILICON,28x28XT6 1 S.N.A3 A/SMD BN97-01995H ASSY SMD-SSD;LN32A450C1DXZA 1 S.N.A4 SUB05 0202-001477 SOLDER-CREAM;LST309-M,-,D20-45##,96.5Sn/ 2.094 S.N.A4 D1011 0401-000133 DIODE-SWITCHING;RLS4148,75V,150mA,LL-34, 1 S.A4 D2002 0401-001056 DIODE-SWITCHING;RLS4148,75V,150mA,LL-34, 1 S.A4 D2002 0401-001056 DIODE-SWITCHING;RMBD4148SE,100V,200mA,SO 1 S.A4 D2004 0401-001056 DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO 1 S.A4 D2006 0401-001056 DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO 1 S.A4 D2008 0401-001056 DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO 1 S.A4 D7002 0401-001056 DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO 1 S.A4 D7002 0401-001056 DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO 1 S.A4 D7001 0401-001056 DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO 1 S.A4 D7002 0401-001056 DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO 1 S.A | | | | , , , , , | | | |
| 3 JA330 3722-001061 JACK-PHONE;1P,3.6PI,AG,BLK,N 1 S.A3 JA806S 3722-002275 JACK-DIN;4P,-,SN,BLK,- 1 S.A3 JA7004 3722-002516 JACK-USB;4P/1C,AU30U,BLK,STRAIGHT,A TYPE 1 S.A3 JA7004 3722-002635 JACK-PIN;3P,SN,YEL/WHT/RED,ANGLE 1 S.A3 JA333 3722-002635 JACK-PIN;3P,SN,YEL/WHT/RED,ANGLE 1 S.A3 CIS3 AA40-00177A TUNER;TDQU6-K01A,TDQU6-K01A,NTSC/ATSC,18 1 S.A3 M0107 BN63-01847A SHIELD-COVER;ROME,SPTE,T0.3,49.5,79.5,HE 1 S.N.A3 CCMM1 BN73-00024D SILICON/RUBBER;BORDEAUX,SILICON,28x28XT6 1 S.N.A3 A/SMD BN97-01995H ASSY SMD-SSD;LN32A450C1DXZA 1 S.N.A4 SUB05 0202-001477 SOLDER-CREAM;LST309-M,-,D20-45##,96.5Sn/ 2.094 S.N.A4 D1011 0401-000133 DIODE-SWITCHING;RLS4148,75V,150mA,LL-34, 1 S.A4 D9005 0401-001035 DIODE-SWITCHING;RLS4148,75V,150mA,LL-34, 1 S.A4 D2002 0401-001056 DIODE-SWITCHING;RMBD4148SE,100V,200mA,SO 1 S.A4 D2003 0401-001056 DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO 1 S.A4 D2004 0401-001056 DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO 1 S.A4 D2006 0401-001056 DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO 1 S.A4 D2008 0401-001056 DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO 1 S.A4 D7002 0401-001056 DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO 1 S.A4 D7002 0401-001056 DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO 1 S.A4 D7005 0401-001056 DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO 1 S.A4 D7001 0401-001056 DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO 1 S.A4 D7001 0401-001056 DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO 1 S.A4 D7001 0401-001056 DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO 1 S.A4 D7011 0401-001056 DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO 1 S.A4 D7012 0401-001056 DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO 1 S.A4 D7013 0401-001056 DIODE-SWITCHING;MMBD4148SE,100V,200mA, | | | | | | | |
| 3 JA806S 3722-002275 JACK-DIN;4P,-,SN,BLK,- 1 S.A 3 JA7004 3722-002516 JACK-USB;4P/1C,AU30U,BLK,STRAIGHT,A TYPE 1 S.A 3 JA333 3722-002635 JACK-PIN;3P,Sn,YELWHT/RED,ANGLE 1 S.A 3 CIS3 AA40-00177A TUNER;TDQU6-K01A,TDQU6-K01A,NTSC/ATSC,18 1 S.A 3 M0107 BN63-01847A SHIELD-COVER;ROME,SPTE,T0.3,49.5,79.5,HE 1 S.N.A 3 CCMM1 BN73-00024D SILICON/RUBBER;BORDEAUX,SILICON,28x28XT6 1 S.N.A 3 A/SMD BN97-01995H ASSY SMD-SSD;LN32A450C1DXZA 1 S.N.A 4 SUB05 0202-001477 SOLDER-CREAM;LST309-M,-,D20-45##,96.5Sn/ 2.094 S.N.A 4 D1011 0401-000133 DIODE-SWITCHING;RLS4148,75V,150mA,LL-34, 1 S.A 4 D9005 0401-001036 DIODE-SWITCHING;RLS4148,75V,150mA,LL-34, 1 S.A 4 D2002 0401-001056 DIODE-SWITCHING;RMBD4148SE,100V,200mA,SO < | | | | . , , , | | | |
| 3 | | | | | 1 | 1 | |
| 3 JA333 3722-002635 JACK-PIN;3P,Sn,YEL/WHT/RED,ANGLE 1 S.A 3 CIS3 AA40-00177A TUNER;TDQU6-K01A,TDQU6-K01A,NTSC/ATSC,18 1 S.A 3 M0107 BN63-01847A SHIELD-COVER;ROME,SPTE,T0.3,49.5,79.5,HE 1 S.N.A 3 CCMM1 BN73-00024D SILICON/RUBBER;BORDEAUX,SILICON,28x28XT6 1 S.N.A 3 A/SMD BN97-01995H ASSY SMD-SSD;LN32A450C1DXZA 1 S.N.A 4 SUB05 0202-001477 SOLDER-CREAM;LST309-M,-,D20-45##,96.5Sn/ 2.094 S.N.A 4 D1011 0401-000133 DIODE-SWITCHING;RLS4148,75V,150mA,LL-34, 1 S.A 4 D2002 0401-001036 DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO 1 S.A 4 D2003 0401-001056 DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO 1 S.A 4 D2004 0401-001056 DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO 1 S.A 4 D2006 0401-001056 DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | | | | | | | |
| 3 CIS3 AA40-00177A TUNER;TDQU6-K01A,TDQU6-K01A,NTSC/ATSC,18 1 S.A3 M0107 BN63-01847A SHIELD-COVER;ROME,SPTE,T0.3,49.5,79.5,HE 1 S.N.A3 CCMM1 BN73-00024D SILICON/RUBBER;BORDEAUX,SILICON,28x28XT6 1 S.N.A3 A/SMD BN97-01995H ASSY SMD-SSD;LN32A450C1DXZA 1 S.N.A4 SUB05 0202-001477 SOLDER-CREAM;LS7309-M,-,D20-45##,96.5Sn/ 2.094 S.N.A4 D1011 0401-000133 DIODE-SWITCHING;RLS4148,75V,150mA,LL-34, 1 S.A4 D9005 0401-00133 DIODE-SWITCHING;RLS4148,75V,150mA,LL-34, 1 S.A4 D2002 0401-001056 DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO 1 S.A4 D2003 0401-001056 DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO 1 S.A4 D2004 0401-001056 DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO 1 S.A4 D2006 0401-001056 DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO 1 S.A4 D2008 0401-001056 DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO 1 S.A4 D2008 0401-001056 DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO 1 S.A4 D2008 0401-001056 DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO 1 S.A4 D5001 0401-001056 DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO 1 S.A4 D7002 0401-001056 DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO 1 S.A4 D7005 0401-001056 DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO 1 S.A4 D7005 0401-001056 DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO 1 S.A4 D7005 0401-001056 DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO 1 S.A4 D7001 0401-001056 DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO 1 S.A4 D7001 0401-001056 DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO 1 S.A4 D7011 0401-001056 DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO 1 S.A4 D7012 0401-001056 DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO 1 S.A4 D7012 0401-001056 DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO 1 S.A4 D7011 0401-001056 DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO 1 S.A4 D7012 0401-001056 DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO 1 S.A4 D7013 0401-001 | | | | | | | |
| 3 M0107 BN63-01847A SHIELD-COVER;ROME,SPTE,T0.3,49.5,79.5,HE 1 S.N.A 3 CCMM1 BN73-00024D SILICON/RUBBER;BORDEAUX,SILICON,28x28X76 1 S.N.A 3 A/SMD BN97-01995H ASSY SMD-SSD;LN32A450C1DXZA 1 S.N.A 4 SUB05 0202-001477 SOLDER-CREAM;LST309-M,-D20-45##,96.5Sn/ 2.094 S.N.A 4 D1011 0401-000133 DIODE-SWITCHING;RLS4148,75V,150mA,LL-34, 1 S.A 4 D2002 0401-001056 DIODE-SWITCHING;MBD4148SE,100V,200mA,SO 1 S.A 4 D2002 0401-001056 DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO 1 S.A 4 D2003 0401-001056 DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO 1 S.A 4 D2004 0401-001056 DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO 1 S.A 4 D2006 0401-001056 DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO 1 S.A 4 D2008 0401-001056 DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO </td <td></td> <td></td> <td></td> <td><u> </u></td> <td></td> <td></td> <td></td> | | | | <u> </u> | | | |
| 3 CCMM1 BN73-00024D SILICON/RUBBER;BORDEAUX,SILICON,28x28XT6 1 S.N.A 3 A/SMD BN97-01995H ASSY SMD-SSD;LN32A450C1DXZA 1 S.N.A 4 SUB05 0202-001477 SOLDER-CREAM;LST309-M,-,D20~45##,96.5Sn/ 2.094 S.N.A 4 D1011 0401-000133 DIODE-SWITCHING;RLS4148,75V,150mA,LL-34, 1 S.A 4 D9005 0401-000133 DIODE-SWITCHING;RMBD4148SE,100V,200mA,SO 1 S.A 4 D2002 0401-001056 DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO 1 S.A 4 D2003 0401-001056 DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO 1 S.A 4 D2004 0401-001056 DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO 1 S.A 4 D2006 0401-001056 DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO 1 S.A 4 D2008 0401-001056 DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO 1 S.A 4 D7002 0401-001056 DIODE-SWITCHING;MMBD4148SE,100V,2 | | | | | | | |
| 3 A/SMD BN97-01995H ASSY SMD-SSD;LN32A450C1DXZA 1 S.N.A 4 SUB05 0202-001477 SOLDER-CREAM;LST309-M,-,D20-45##,96.5Sn/ 2.094 S.N.A 4 D1011 0401-000133 DIODE-SWITCHING;RLS4148,75V,150mA,LL-34, 1 S.A 4 D9005 0401-000133 DIODE-SWITCHING;RMBD4148SE,100V,200mA,SO 1 S.A 4 D2002 0401-001056 DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO 1 S.A 4 D2003 0401-001056 DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO 1 S.A 4 D2004 0401-001056 DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO 1 S.A 4 D2006 0401-001056 DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO 1 S.A 4 D2008 0401-001056 DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO 1 S.A 4 D5001 0401-001056 DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO 1 S.A 4 D7002 0401-001056 DIODE-SWITCHING;MMBD4148SE,100V,2 | | | | | | | |
| 4 SUB05 0202-001477 SOLDER-CREAM;LST309-M,-,D20~45##,96.5Sn/ 2.094 S.N.A 4 D1011 0401-000133 DIODE-SWITCHING;RLS4148,75V,150mA,LL-34, 1 S.A 4 D9005 0401-000133 DIODE-SWITCHING;RLS4148,75V,150mA,LL-34, 1 S.A 4 D2002 0401-001056 DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO 1 S.A 4 D2003 0401-001056 DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO 1 S.A 4 D2004 0401-001056 DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO 1 S.A 4 D2006 0401-001056 DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO 1 S.A 4 D2008 0401-001056 DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO 1 S.A 4 D5001 0401-001056 DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO 1 S.A 4 D7002 0401-001056 DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO 1 S.A 4 D7011 0401-001056 DIODE-SWITCHING;MMBD41 | | | | | | | |
| 4 D1011 0401-000133 DIODE-SWITCHING;RLS4148,75V,150mA,LL-34, 1 S.A 4 D9005 0401-000133 DIODE-SWITCHING;RLS4148,75V,150mA,LL-34, 1 S.A 4 D2002 0401-001056 DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO 1 S.A 4 D2003 0401-001056 DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO 1 S.A 4 D2004 0401-001056 DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO 1 S.A 4 D2006 0401-001056 DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO 1 S.A 4 D2008 0401-001056 DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO 1 S.A 4 D5001 0401-001056 DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO 1 S.A 4 D7002 0401-001056 DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO 1 S.A 4 D7015 0401-001056 DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO 1 S.A 4 D7011 0401-001056 DIODE-SWITCHING;MMBD4148SE,1 | | | | , | | | |
| 4 D9005 0401-000133 DIODE-SWITCHING;RLS4148,75V,150mA,LL-34, 1 S.A 4 D2002 0401-001056 DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO 1 S.A 4 D2003 0401-001056 DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO 1 S.A 4 D2004 0401-001056 DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO 1 S.A 4 D2006 0401-001056 DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO 1 S.A 4 D2008 0401-001056 DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO 1 S.A 4 D5001 0401-001056 DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO 1 S.A 4 D7002 0401-001056 DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO 1 S.A 4 D7005 0401-001056 DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO 1 S.A 4 D7011 0401-001056 DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO 1 S.A 4 D7012 0401-001056 DIODE-SWITCHING;MMBD4148SE,1 | | | | | | | |
| 4 D2002 0401-001056 DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO 1 S.A 4 D2003 0401-001056 DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO 1 S.A 4 D2004 0401-001056 DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO 1 S.A 4 D2006 0401-001056 DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO 1 S.A 4 D2008 0401-001056 DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO 1 S.A 4 D5001 0401-001056 DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO 1 S.A 4 D7002 0401-001056 DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO 1 S.A 4 D7005 0401-001056 DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO 1 S.A 4 D7011 0401-001056 DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO 1 S.A 4 D7012 0401-001056 DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO 1 S.A 4 D7013 0401-001056 DIODE-SWITCHING;MMBD4148SE,1 | | | | | | | |
| 4 D2003 0401-001056 DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO 1 S.A 4 D2004 0401-001056 DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO 1 S.A 4 D2006 0401-001056 DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO 1 S.A 4 D2008 0401-001056 DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO 1 S.A 4 D5001 0401-001056 DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO 1 S.A 4 D7002 0401-001056 DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO 1 S.A 4 D7005 0401-001056 DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO 1 S.A 4 D7011 0401-001056 DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO 1 S.A 4 D7012 0401-001056 DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO 1 S.A 4 D7013 0401-001056 DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO 1 S.A | | | | | | | |
| 4 D2004 0401-001056 DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO 1 S.A 4 D2006 0401-001056 DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO 1 S.A 4 D2008 0401-001056 DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO 1 S.A 4 D5001 0401-001056 DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO 1 S.A 4 D7002 0401-001056 DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO 1 S.A 4 D7005 0401-001056 DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO 1 S.A 4 D7011 0401-001056 DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO 1 S.A 4 D7012 0401-001056 DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO 1 S.A 4 D7013 0401-001056 DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO 1 S.A | | | | | | | |
| 4 D2006 0401-001056 DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO 1 S.A 4 D2008 0401-001056 DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO 1 S.A 4 D5001 0401-001056 DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO 1 S.A 4 D7002 0401-001056 DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO 1 S.A 4 D7005 0401-001056 DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO 1 S.A 4 D7011 0401-001056 DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO 1 S.A 4 D7012 0401-001056 DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO 1 S.A 4 D7013 0401-001056 DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO 1 S.A | | | | | | | |
| 4 D2008 0401-001056 DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO 1 S.A 4 D5001 0401-001056 DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO 1 S.A 4 D7002 0401-001056 DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO 1 S.A 4 D7005 0401-001056 DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO 1 S.A 4 D7011 0401-001056 DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO 1 S.A 4 D7012 0401-001056 DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO 1 S.A 4 D7013 0401-001056 DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO 1 S.A | | | | | | | |
| 4 D5001 0401-001056 DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO 1 S.A 4 D7002 0401-001056 DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO 1 S.A 4 D7005 0401-001056 DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO 1 S.A 4 D7011 0401-001056 DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO 1 S.A 4 D7012 0401-001056 DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO 1 S.A 4 D7013 0401-001056 DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO 1 S.A | | | | | | | |
| 4 D7002 0401-001056 DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO 1 S.A 4 D7005 0401-001056 DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO 1 S.A 4 D7011 0401-001056 DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO 1 S.A 4 D7012 0401-001056 DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO 1 S.A 4 D7013 0401-001056 DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO 1 S.A | | | | , , , , | | | |
| 4 D7005 0401-001056 DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO 1 S.A 4 D7011 0401-001056 DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO 1 S.A 4 D7012 0401-001056 DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO 1 S.A 4 D7013 0401-001056 DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO 1 S.A | | | | | | | |
| 4 D7011 0401-001056 DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO 1 S.A4 D7012 0401-001056 DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO 1 S.A4 D7013 0401-001056 DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO 1 S.A | | | | | | | |
| 4 D7012 0401-001056 DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO 1 S.A4 D7013 0401-001056 DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO 1 S.A | | | | | | | |
| 4 D7013 0401-001056 DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO 1 S.A | | | | | | | |
| | | | | | | | |
| | | | 0401-001056 | DIODE-SWITCHING:MMBD4148SE,100V,200mA,SO | 1 | | |
| 4 D7025 0401-001056 DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO 1 S.A | | | | | 1 | | |
| 4 D8012S 0401-001056 DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO 1 S.A | | D8012S | | | 1 | | |
| 4 D8014S 0401-001056 DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO 1 S.A | | | | | 1 | S.A | |
| 4 D1004 0401-001099 DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3 1 S.A | | | | | 1 | | |
| 4 D1005 0401-001099 DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3 1 S.A | | | | | | | |
| 4 D1007 0401-001099 DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3 1 S.A | | | | | | | |
| 4 D1008 0401-001099 DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3 1 S.A | | | 0401-001099 | | 1 | S.A | |
| 4 D1009 0401-001099 DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3 1 S.A | | | | | 1 | | |
| 4 D1010 0401-001099 DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3 1 S.A | | | | | 1 | | |
| 4 D9004 0401-001099 DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3 1 S.A | | | 0401-001099 | | 1 | | |
| 4 D0254 0402-000553 DIODE-SCHOTTKY;SS24/B240,40V,2000mA,DO-2 1 S.A | | | | | | | |
| | 4 | D0254 | 0402-000553 | DIODE-SCHOTTKY;SS24/B240,40V,2000mA,DO-2 | 1 | S.A | |

| Level | Location No. | Code No. | Description & Specification | Q'ty | SA/SNA | Remark |
|-------|--------------|-------------|--|------|------------|--------|
| 4 | D0254 | 0402-001207 | DIODE-SCHOTTKY;UPS5819,40V,1000MA,DO-216 | 1 | S.A | |
| 4 | D1006 | 0403-000002 | DIODE-ZENER;VLZ5V6B,5.45/5.73V,500mW,SOD | 1 | S.A | |
| 4 | D7017 | 0403-000771 | DIODE-ZENER;VLZ6V2B,5.96-6.27V,500mW,SOD | 1 | S.A | |
| 4 | D7017 | 0403-000771 | DIODE-ZENER;VLZ6V2B,5.96-6.27V,500mW,SOD | 1 | S.A | |
| 4 | D7010 | 0403-000771 | DIODE-ZENER;VLZ6V2B,5.96-6.27V,500mW,SOD | 1 | S.A | |
| 4 | D8007S | 0403-000771 | DIODE-ZENER;VLZ6V2B,5.96-6.27V,500mW,SOD | 1 | S.A | |
| 4 | D60073 | 0403-000771 | DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2 | 1 | S.A | |
| 4 | D6002 | 0403-001052 | DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2 | 1 | S.A S.A | |
| | | | | | S.A S.A | |
| 4 | D6004 | 0403-001052 | DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2 | 1 | | |
| 4 | D6005 | 0403-001052 | DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2 | 1 | S.A | |
| 4 | D6007 | 0403-001052 | DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2 | 1 | S.A | |
| 4 | D6008 | 0403-001052 | DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2 | 1 | S.A | |
| 4 | D6013 | 0403-001052 | DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2 | 1 | S.A | |
| 4 | D6014 | 0403-001052 | DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2 | 1 | S.A | |
| 4 | D6016 | 0403-001052 | DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2 | 1 | S.A | |
| 4 | D6017 | 0403-001052 | DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2 | 1 | S.A | |
| 4 | D6019 | 0403-001052 | DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2 | 1 | S.A | |
| 4 | D6020 | 0403-001052 | DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2 | 1 | S.A | |
| 4 | D7019 | 0403-001052 | DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2 | 1 | S.A | |
| 4 | D7021 | 0403-001052 | DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2 | 1 | S.A | |
| 4 | D7027 | 0403-001052 | DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2 | 1 | S.A | |
| 4 | D7028 | 0403-001052 | DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2 | 1 | S.A | |
| 4 | D7030 | 0403-001052 | DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2 | 1 | S.A | |
| 4 | D7032 | 0403-001052 | DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2 | 1 | S.A | |
| 4 | D7034 | 0403-001052 | DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2 | 1 | S.A | |
| 4 | D8002S | 0403-001052 | DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2 | 1 | S.A | |
| 4 | D8003S | 0403-001052 | DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2 | 1 | S.A | |
| 4 | D8010S | 0403-001052 | DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2 | 1 | S.A | |
| 4 | D8025S | 0403-001052 | DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2 | 1 | S.A | |
| 4 | D8026S | 0403-001052 | DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2 | 1 | S.A | |
| 4 | D8027S | 0403-001052 | DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2 | 1 | S.A | |
| 4 | D8028S | 0403-001052 | DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2 | 1 | S.A | |
| 4 | D5002 | 0403-001425 | DIODE-ZENER;BZX84C33,31-35V,350mW,SOT-23 | 1 | S.A | |
| 4 | D6001 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48/-/50V,SMD | 1 | S.A | |
| 4 | D6006 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48/-/50V,SMD | 1 | S.A | |
| 4 | D6009 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48/-/50V,SMD | 1 | S.A | |
| 4 | D6010 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48/-/50V,SMD | 1 | S.A | |
| 4 | D6011 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48/-/50V,SMD | 1 | S.A | |
| 4 | D6012 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48/-/50V,SMD | 1 | S.A | |
| 4 | D6015 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48/-/50V,SMD | 1 | S.A | |
| 4 | D6018 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48/-/50V,SMD | 1 | S.A | |
| 4 | D6021 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48/-/50V,SMD | 1 | S.A | |
| 4 | D6022 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48/-/50V,SMD | 1 | S.A | |
| 4 | D6023 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48/-/50V,SMD | 1 | S.A | |
| 4 | D6024 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48/-/50V,SMD | 1 | S.A | |
| 4 | D6025 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48/-/50V,SMD | 1 | S.A | |
| 4 | D7001 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48/-/50V,SMD | 1 | S.A | |
| 4 | D7003 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48/-/50V,SMD | 1 | S.A | |
| 4 | D7010 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48/-/50V,SMD | 1 | S.A | |
| 4 | D7024 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48/-/50V,SMD | 1 | S.A | |
| 4 | D7041 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48/-/50V,SMD | 1 | S.A | |
| T | 2,041 | 0.00 001172 | 2.022 1.0,02000000 111,70/700 V,01VID | ' | 5.73 | |

| Level | Location No. | Code No. | Description & Specification | Q'ty | SA/SNA | Remark |
|-------|--------------|-------------|--|------|--------|--------|
| 4 | D7042 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48/-/50V,SMD | 1 | S.A | |
| 4 | D8004S | 0406-001172 | DIODE-TVS;CDS3C30GTH,48/-/50V,SMD | 1 | S.A | |
| 4 | D8005S | 0406-001172 | DIODE-TVS;CDS3C30GTH,48/-/50V,SMD | 1 | S.A | |
| 4 | D8008S | 0406-001172 | DIODE-TVS;CDS3C30GTH,48/-/50V,SMD | 1 | S.A | |
| 4 | D8009S | 0406-001172 | DIODE-TVS;CDS3C30GTH,48/-/50V,SMD | 1 | S.A | |
| 4 | D8015S | 0406-001172 | DIODE-TVS;CDS3C30GTH,48/-/50V,SMD | 1 | S.A | |
| 4 | D8021S | 0406-001172 | DIODE-TVS;CDS3C30GTH,48/-/50V,SMD | 1 | S.A | |
| 4 | D8022S | 0406-001172 | DIODE-TVS;CDS3C30GTH,48/-/50V,SMD | 1 | S.A | |
| 4 | D8023S | 0406-001172 | DIODE-TVS;CDS3C30GTH,48/-/50V,SMD | 1 | S.A | |
| 4 | D8024S | 0406-001172 | DIODE-TVS;CDS3C30GTH,48/-/50V,SMD | 1 | S.A | |
| 4 | D7014 | 0406-001200 | DIODE-TVS;RCLAMP0504F,6/-/-V,150W,SC-70 | 1 | S.A | |
| 4 | D7051 | 0406-001271 | DIODE-TVS;RCLAMP0524P,6/-/-V,150W,SLP251 | 1 | S.A | |
| 4 | D7052 | 0406-001271 | DIODE-TVS;RCLAMP0524P,6/-/-V,150W,SLP251 | 1 | S.A | |
| 4 | D7053 | 0406-001271 | DIODE-TVS;RCLAMP0524P,6/-/-V,150W,SLP251 | 1 | S.A | |
| 4 | D7054 | 0406-001271 | DIODE-TVS;RCLAMP0524P,6/-/-V,150W,SLP251 | 1 | S.A | |
| 4 | D8100S | 0406-001271 | DIODE-TVS;RCLAMP0524P,6/-/-V,150W,SLP251 | 1 | S.A | |
| 4 | D8101S | 0406-001271 | DIODE-TVS;RCLAMP0524P,6/-/-V,150W,SLP251 | 1 | S.A | |
| 4 | D7038 | 0407-000123 | DIODE-ARRAY;DAN202K,80V,100mA,CA2-3,SOT- | 1 | S.A | |
| 4 | D7039 | 0407-000123 | DIODE-ARRAY;DAN202K,80V,100mA,CA2-3,SOT- | 1 | S.A | |
| 4 | Q1000 | 0501-000434 | TR-SMALL SIGNAL;KTC3875S-GR,NPN,150mW,SO | 1 | S.A | |
| 4 | Q9004 | 0501-000434 | TR-SMALL SIGNAL;KTC3875S-GR,NPN,150mW,SO | 1 | S.A | |
| 4 | Q9005 | 0501-000434 | TR-SMALL SIGNAL;KTC3875S-GR,NPN,150mW,SO | 1 | S.A | |
| 4 | Q2003 | 0501-000445 | TR-SMALL SIGNAL;KTC3875S-Y,NPN,150mW,SOT | 1 | S.A | |
| 4 | Q3001L | 0501-000445 | TR-SMALL SIGNAL;KTC3875S-Y,NPN,150mW,SOT | 1 | S.A | |
| 4 | Q5001 | 0501-000445 | TR-SMALL SIGNAL;KTC3875S-Y,NPN,150mW,SOT | 1 | S.A | |
| 4 | Q7003 | 0501-000445 | TR-SMALL SIGNAL;KTC3875S-Y,NPN,150mW,SOT | 1 | S.A | |
| 4 | Q7004 | 0501-000445 | TR-SMALL SIGNAL;KTC3875S-Y,NPN,150mW,SOT | 1 | S.A | |
| 4 | Q9002 | 0501-000669 | TR-SMALL SIGNAL;KTA1505Y,PNP,150mW,SOT-2 | 1 | S.A | |
| 4 | Q1002L | 0501-002080 | TR-SMALL SIGNAL;2SC2412K,NPN,200mW,SC-59 | 1 | S.A | |
| 4 | Q1003L | 0501-002080 | TR-SMALL SIGNAL;2SC2412K,NPN,200mW,SC-59 | 1 | S.A | |
| 4 | Q2005 | 0504-000129 | TR-DIGITAL;KSR1104,NPN,200mW,47K/47K,SOT | 1 | S.A | |
| 4 | Q409 | 0505-000110 | FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0. | 1 | S.A | |
| 4 | Q409 | 0505-000110 | FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0. | 1 | S.A | |
| 4 | Q409 | 0505-000110 | FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0. | 1 | S.A | |
| 4 | Q409 | 0505-000110 | FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0. | 1 | S.A | |
| 4 | Q409 | 0505-001165 | FET-SILICON;SI3443BDV,P,-20V,+-4.4A,65mo | 1 | S.A | |
| 4 | IC104 | 0801-002633 | IC-CMOS LOGIC;7WBD3125,2bit BUS SWITCH,S | 1 | S.A | |
| 4 | IC104 | 0801-002633 | IC-CMOS LOGIC;7WBD3125,2bit BUS SWITCH,S | 1 | S.A | |
| 4 | IC2003 | 0904-001862 | IC-I/O SUPPORT CHIP;PCF8574ATS,8Bit,SSOP | 1 | S.A | |
| 4 | IC6003 | 1001-000164 | IC-ANALOG MULTIPLEX;74HC4052,CMOS,SOP,16 | 1 | S.A | |
| 4 | IC106 | 1001-001082 | IC-VIDEO SWITCH;BA7657F,-,SOP,24P,300MIL | 1 | S.A | |
| 4 | IC106 | 1001-001513 | IC-VIDEO SWITCH;TMDS351PAG,TQFP,64P,9x9m | 1 | S.A | |
| 4 | IC6001 | 1006-001266 | IC-LINE TRANSCEIVER;SP3232EEY,TSSOP,16P, | 1 | S.A | |
| 4 | IC112 | 1103-000129 | IC-EEPROM;24C02,2Kbit,256x8Bit,SOP,8P,5x | 1 | S.A | |
| 4 | IC112 | 1103-000129 | IC-EEPROM;24C02,2Kbit,256x8Bit,SOP,8P,5x | 1 | S.A | |
| 4 | IC112 | 1103-000129 | IC-EEPROM;24C02,2Kbit,256x8Bit,SOP,8P,5x | 1 | S.A | |
| 4 | IC112 | 1103-000129 | IC-EEPROM;24C02,2Kbit,256x8Bit,SOP,8P,5x | 1 | S.A | |
| 4 | IC112 | 1103-001406 | IC-EEPROM;AT24C512BN-SH25-T,512Kbit,64Kx | 1 | S.A | |
| 4 | IC201C | 1105-001838 | IC-DDR SDRAM;EM6A9160TS0A-5G,DDR SDRAM,1 | 1 | S.A | |
| 4 | IC202C | 1105-001838 | IC-DDR SDRAM;EM6A9160TS0A-5G,DDR SDRAM,1 | 1 | S.A | |
| 4 | DU410 | 1201-000166 | IC-OP AMP;LM358,SOP,ST,8P,150MIL,DUAL,10 | 1 | S.A | |

| Level | Location No. | Code No. | Description & Specification | Q'ty | SA/SNA | Remark |
|-------|--------------|-------------|--|------|--------|--------|
| 4 | DU410 | 1201-000541 | IC-OP AMP;062,SOP,8P,153MIL,DUAL,6V/mV,P | 1 | S.A | |
| 4 | T0085 | 1201-000341 | IC-AUDIO AMP;MAX9728A,QFN,12P,3x3mm,DUAL | 1 | S.A | |
| 4 | T0124 | 1201-002487 | IC-POWER AMP;STA335BWS,PSSO,36P,10.3x7.5 | 1 | S.A | |
| 4 | IC012 | 1203-001195 | IC-POSI.ADJUST REG.;1587,TO-263,3P,393MI | 1 | S.A | |
| | | | | | | |
| 4 | IC012 | 1203-001195 | IC-POSI.ADJUST REG.;1587,TO-263,3P,393MI | 1 | S.A | |
| 4 | T0087 | 1203-001815 | IC-POSI.FIXED REG.;78M09,TO-252,3P,-,PLA | 1 | S.A | |
| 4 | T0087 | 1203-002835 | IC-POSI.FIXED REG.;KIA7805AF,DPAK,3P,6.6 | 1 | S.A | |
| 4 | T0087 | 1203-002842 | IC-POSI.FIXED REG.;AP1117D-33A,TO-252,3P | 1 | S.A | |
| 4 | IC012 | 1203-002995 | IC-POSI.ADJUST REG.;AP1117D-A,TO-252,3P, | 1 | S.A | |
| 4 | IC012 | 1203-002995 | IC-POSI.ADJUST REG.;AP1117D-A,TO-252,3P, | 1 | S.A | |
| 4 | T0087 | 1203-003121 | IC-POSI.FIXED REG.;FAN1112,SOT-223,3P,6. | 1 | S.A | |
| 4 | IC1005 | 1203-004364 | IC-VOL. DETECTOR;RT9818C-42PV,SOT-23,3P, | 1 | S.A | |
| 4 | IC1007 | 1203-004364 | IC-VOL. DETECTOR;RT9818C-42PV,SOT-23,3P, | 1 | S.A | |
| 4 | IC118 | 1204-002779 | IC-VIDEO PROCESS;S4LF122X01,PBGA,208P,17 | 1 | S.A | |
| 4 | IC5002 | 1204-002818 | IC-DEMODULATOR;S5H1411,-,100P,14x14mm,PL | 1 | S.A | |
| 4 | IC3001 | 1204-002834 | IC-DECODER;SEMS10-LF,LQFP,256P,28x28mm,P | 1 | S.A | |
| 4 | R110 | 2007-000041 | R-CHIP;475ohm,1%,1/10W,TP,1608 | 1 | S.A | |
| 4 | R110 | 2007-000041 | R-CHIP;475ohm,1%,1/10W,TP,1608 | 1 | S.A | |
| 4 | R110 | 2007-000052 | R-CHIP;10Kohm,1%,1/10W,TP,1608 | 1 | S.A | |
| 4 | R110 | 2007-000072 | R-CHIP;47ohm,5%,1/10W,TP,1608 | 1 | S.A | |
| 4 | R110 | 2007-000072 | R-CHIP;47ohm,5%,1/10W,TP,1608 | 1 | S.A | |
| 4 | R110 | 2007-000072 | R-CHIP;47ohm,5%,1/10W,TP,1608 | 1 | S.A | |
| 4 | R110 | 2007-000072 | R-CHIP;47ohm,5%,1/10W,TP,1608 | 1 | S.A | |
| 4 | R110 | 2007-000138 | R-CHIP;100ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000138 | R-CHIP;100ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000138 | R-CHIP;100ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000138 | R-CHIP;100ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000138 | R-CHIP;100ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000138 | R-CHIP;100ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000138 | R-CHIP;100ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000138 | R-CHIP;100ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000138 | R-CHIP;100ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000138 | R-CHIP;100ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000138 | R-CHIP;100ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000138 | R-CHIP;100ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000138 | R-CHIP;100ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000138 | R-CHIP:100ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000138 | R-CHIP;100ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000138 | R-CHIP;100ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000138 | R-CHIP;100ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000138 | R-CHIP;1000hm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000138 | R-CHIP;1000hm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| | | | | - | | |
| 4 | R110 | 2007-000138 | R-CHIP;100ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000138 | R-CHIP;100ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000138 | R-CHIP;100ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000138 | R-CHIP;100ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000138 | R-CHIP;100ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000138 | R-CHIP;100ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000138 | R-CHIP;100ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000138 | R-CHIP;100ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000138 | R-CHIP;100ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |

| Level | Location No. | Code No. | Description & Specification | Q'ty | SA/SNA | Remark |
|-------|--------------|-------------|--------------------------------|------|--------|--------|
| 4 | R110 | 2007-000138 | R-CHIP;100ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000138 | R-CHIP;100ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000138 | R-CHIP:100ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000138 | R-CHIP;100ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000138 | R-CHIP;100ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000138 | R-CHIP;100ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000138 | R-CHIP;100ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000138 | R-CHIP;100ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000138 | R-CHIP;100ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000138 | R-CHIP;100ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000138 | R-CHIP;100ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000138 | R-CHIP;100ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000138 | R-CHIP:100ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000138 | R-CHIP;100ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000138 | R-CHIP:100ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000138 | R-CHIP;100ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000138 | R-CHIP;100ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000138 | R-CHIP;100ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000138 | R-CHIP;100ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000138 | R-CHIP;1000hm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| | R110 | 2007-000138 | R-CHIP;1000hm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000138 | | 1 | S.N.A | |
| | | | R-CHIP:100ohm,5%,1/16W,TP,1005 | | _ | |
| 4 | R110 | 2007-000138 | R-CHIP;100ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000138 | R-CHIP;100ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000138 | R-CHIP;100ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000138 | R-CHIP;100ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000138 | R-CHIP;100ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000138 | R-CHIP;100ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000138 | R-CHIP;100ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000138 | R-CHIP;100ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000138 | R-CHIP;100ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000138 | R-CHIP;100ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000138 | R-CHIP;100ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000138 | R-CHIP;100ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000138 | R-CHIP;100ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000138 | R-CHIP;100ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000138 | R-CHIP;100ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000138 | R-CHIP;100ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000138 | R-CHIP;100ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000138 | R-CHIP;100ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000138 | R-CHIP;100ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000138 | R-CHIP;100ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000138 | R-CHIP;100ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000138 | R-CHIP;100ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000138 | R-CHIP;100ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000138 | R-CHIP;100ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000138 | R-CHIP;100ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000138 | R-CHIP;100ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000138 | R-CHIP;100ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000138 | R-CHIP;100ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000138 | R-CHIP;100ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |

| Level | Location No. | Code No. | Description & Specification | Q'ty | SA/SNA | Remark |
|-------|--------------|-------------|---|------|------------|--------|
| 4 | R110 | 2007-000138 | R-CHIP;100ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000138 | R-CHIP;100ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000140 | R-CHIP;1Kohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000140 | R-CHIP;1Kohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000140 | R-CHIP;1Kohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000140 | R-CHIP;1Kohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000140 | R-CHIP;1Kohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000140 | R-CHIP;1Kohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000140 | R-CHIP;1Kohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000140 | R-CHIP;1Kohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000140 | R-CHIP;1Kohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000140 | R-CHIP;1Kohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000140 | R-CHIP;1Kohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000140 | R-CHIP;1Kohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000140 | R-CHIP;1Kohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000140 | R-CHIP;1Kohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000140 | R-CHIP;1Kohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000140 | R-CHIP;1Kohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000140 | R-CHIP;1Kohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000140 | R-CHIP;1Kohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000140 | R-CHIP;1Kohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000140 | R-CHIP;1Kohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000141 | R-CHIP;2.2Kohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000141 | R-CHIP;2.2Kohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000141 | R-CHIP;2.2Kohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000141 | R-CHIP;2.2Kohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000141 | R-CHIP;2.2Kohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000141 | R-CHIP;2.2Kohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000143 | R-CHIP;4.7Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000143 | R-CHIP;4.7Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000143 | R-CHIP;4.7Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000143 | R-CHIP;4.7Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000143 | R-CHIP;4.7Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000143 | R-CHIP:4.7Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000143 | R-CHIP;4.7Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000143 | R-CHIP;4.7Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000143 | R-CHIP;4.7Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000143 | R-CHIP;4.7Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000143 | R-CHIP;4.7Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000143 | R-CHIP;4.7Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000143 | R-CHIP;4.7Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000143 | R-CHIP;4.7Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000143 | R-CHIP;4.7Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000143 | R-CHIP;4.7Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000143 | R-CHIP;4.7Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000143 | R-CHIP;4.7Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000143 | R-CHIP;4.7Kohm,5%,1/16W,TP,1005 | 1 | S.A S.A | |
| 4 | R110 | 2007-000143 | R-CHIP;4.7Kohm,5%,1716W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000143 | R-CHIP;4.7Kohm,5%,1/16W,TP,1005 | 1 | S.A S.A | |
| 4 | R110 | 2007-000143 | R-CHIP;4.7K0hm,5%,1/16W,TP,1005 | 1 | S.A S.A | |
| | R110 | 2007-000143 | R-CHIP;4.7K0hm,5%,1/16W,TP,1005 | 1 | S.A S.A | |
| 4 | KIIU | 2007-000143 | N-Criff,4.7 Norith,3%, 1/1000, 17, 1003 | ı | J.A | |

| Level | Location No. | Code No. | Description & Specification | Q'ty | SA/SNA | Remark |
|-------|--------------|-------------|---------------------------------|------|--------|--------|
| 4 | R110 | 2007-000143 | R-CHIP;4.7Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000143 | R-CHIP;4.7Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000148 | R-CHIP;10Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000148 | R-CHIP;10Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000148 | R-CHIP;10Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000148 | R-CHIP;10Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000148 | R-CHIP;10Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000148 | R-CHIP;10Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000148 | R-CHIP;10Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000148 | R-CHIP;10Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000148 | R-CHIP;10Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000148 | R-CHIP;10Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000148 | R-CHIP;10Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000148 | R-CHIP;10Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000148 | R-CHIP;10Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000148 | R-CHIP;10Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000148 | R-CHIP;10Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000148 | R-CHIP;10Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000148 | R-CHIP;10Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000148 | R-CHIP;10Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000148 | R-CHIP;10Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000148 | R-CHIP;10Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000148 | R-CHIP;10Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000148 | R-CHIP;10Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000148 | R-CHIP;10Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000148 | R-CHIP;10Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000148 | R-CHIP;10Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000148 | R-CHIP;10Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000148 | R-CHIP;10Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000148 | R-CHIP;10Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000148 | R-CHIP;10Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000148 | R-CHIP;10Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000148 | R-CHIP;10Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000148 | R-CHIP;10Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000148 | R-CHIP;10Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000148 | R-CHIP;10Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000148 | R-CHIP;10Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000148 | R-CHIP;10Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000148 | R-CHIP;10Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000148 | R-CHIP;10Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000148 | R-CHIP;10Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000148 | R-CHIP;10Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000148 | R-CHIP;10Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000148 | R-CHIP;10Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000148 | R-CHIP;10Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000148 | R-CHIP;10Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000148 | R-CHIP;10Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000148 | R-CHIP;10Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000148 | R-CHIP;10Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000148 | R-CHIP;10Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000148 | R-CHIP;10Kohm,5%,1/16W,TP,1005 | 1 | S.A | |

| Level | Location No. | Code No. | Description & Specification | Q'ty | SA/SNA | Remark |
|-------|--------------|-------------|---------------------------------|------|------------|--------|
| 4 | R110 | 2007-000148 | R-CHIP;10Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000148 | R-CHIP;10Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000148 | R-CHIP;10Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000148 | R-CHIP;10Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000148 | R-CHIP;10Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000148 | R-CHIP;10Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000148 | R-CHIP;10Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000148 | R-CHIP;10Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000148 | R-CHIP;10Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000148 | R-CHIP;10Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000148 | R-CHIP;10Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000148 | R-CHIP;10Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000148 | R-CHIP;10Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000148 | R-CHIP;10Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000148 | R-CHIP;10Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000148 | R-CHIP;10Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000148 | R-CHIP;10Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000148 | R-CHIP:10Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000149 | R-CHIP:12Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000149 | R-CHIP;12Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000149 | R-CHIP;12Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000149 | R-CHIP;12Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000149 | R-CHIP;12Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000149 | R-CHIP;12Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000149 | R-CHIP;22Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000153 | R-CHIP;22Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000153 | R-CHIP;22Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000153 | R-CHIP:22Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000153 | R-CHIP;22Kohm,5%,1/16W,TP,1005 | 1 | S.A S.A | |
| 4 | R110 | 2007-000153 | R-CHIP;22Kohm,5%,1/16W,TP,1005 | 1 | S.A S.A | |
| 4 | R110 | 2007-000153 | R-CHIP;22Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000153 | R-CHIP;22Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| | | 2007-000153 | R-CHIP;22Kohm,5%,1/16W,TP,1005 | 1 | S.A S.A | |
| 4 | R110 R110 | 2007-000153 | R-CHIP:22Kohm,5%,1/16W,TP,1005 | - | S.A S.A | |
| 4 | | | , , , , , | 1 | | |
| 4 | R110 | 2007-000153 | R-CHIP;22Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000157 | R-CHIP;47Kohm,5%,1/16W,TP,1005 | - | S.A | |
| 4 | R110 | 2007-000157 | R-CHIP;47Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000157 | R-CHIP;47Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000157 | R-CHIP;47Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000157 | R-CHIP;47Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000157 | R-CHIP;47Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000157 | R-CHIP;47Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000157 | R-CHIP;47Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000157 | R-CHIP;47Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000161 | R-CHIP;82Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000161 | R-CHIP;82Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000162 | R-CHIP;100Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000162 | R-CHIP;100Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000162 | R-CHIP;100Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000162 | R-CHIP;100Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000162 | R-CHIP;100Kohm,5%,1/16W,TP,1005 | 1 | S.A | |

| Level | Location No. | Code No. | Description & Specification | Q'ty | SA/SNA | Remark |
|-------|--------------|-------------|---------------------------------|------|--------|--------|
| 4 | R110 | 2007-000162 | R-CHIP;100Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000170 | R-CHIP;1Mohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000170 | R-CHIP;1Mohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000171 | R-CHIP;0ohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000171 | R-CHIP;0ohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000171 | R-CHIP;0ohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000171 | R-CHIP;0ohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000171 | R-CHIP;0ohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000171 | R-CHIP;0ohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000171 | R-CHIP;0ohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000171 | R-CHIP;0ohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000171 | R-CHIP;0ohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000171 | R-CHIP;0ohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000171 | R-CHIP;0ohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000171 | R-CHIP;0ohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000171 | R-CHIP;0ohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000171 | R-CHIP;0ohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000171 | R-CHIP;0ohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000171 | R-CHIP;0ohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000171 | R-CHIP;0ohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000171 | R-CHIP;0ohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000171 | R-CHIP;0ohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000171 | R-CHIP;0ohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000171 | R-CHIP;0ohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000171 | R-CHIP;0ohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000171 | R-CHIP;0ohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000171 | R-CHIP;0ohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000171 | R-CHIP;0ohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000171 | R-CHIP;0ohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000171 | R-CHIP;0ohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000171 | R-CHIP;0ohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000171 | R-CHIP;0ohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000171 | R-CHIP;0ohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000171 | R-CHIP;0ohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000171 | R-CHIP;0ohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000171 | R-CHIP;0ohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000171 | R-CHIP;0ohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000171 | R-CHIP;0ohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000171 | R-CHIP;0ohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000171 | R-CHIP;0ohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000171 | R-CHIP;0ohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000171 | R-CHIP;0ohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000171 | R-CHIP;0ohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000171 | R-CHIP;0ohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000171 | R-CHIP;0ohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000171 | R-CHIP;0ohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000171 | R-CHIP;0ohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000171 | R-CHIP;0ohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000171 | R-CHIP;0ohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000171 | R-CHIP;0ohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000171 | R-CHIP;0ohm,5%,1/16W,TP,1005 | 1 | S.A | |

| Level | Location No. | Code No. | Description & Specification | Q'ty | SA/SNA | Remark |
|-------|--------------|-------------|-------------------------------|------|------------|--------|
| 4 | R110 | 2007-000171 | R-CHIP;0ohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000171 | R-CHIP;0ohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000171 | R-CHIP;0ohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000171 | R-CHIP;0ohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000171 | R-CHIP;0ohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000171 | R-CHIP;0ohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000171 | R-CHIP;0ohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000171 | R-CHIP;0ohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000171 | R-CHIP;0ohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000171 | R-CHIP;0ohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000171 | R-CHIP;0ohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000171 | R-CHIP;0ohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000171 | R-CHIP;0ohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000171 | R-CHIP;0ohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000172 | R-CHIP;10ohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000172 | R-CHIP;10ohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000172 | R-CHIP;10ohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000172 | R-CHIP;10ohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000172 | R-CHIP;10ohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000172 | R-CHIP;10ohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000172 | R-CHIP;10ohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000172 | R-CHIP;10ohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000172 | R-CHIP;10ohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000172 | R-CHIP;10ohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000172 | R-CHIP;10ohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000172 | R-CHIP;10ohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000172 | R-CHIP;100hm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000172 | R-CHIP;10ohm,5%,1/16W,TP,1005 | 1 | S.A | |
| | R110 | 2007-000172 | R-CHIP;100hm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000172 | R-CHIP;100hm,5%,1/16W,TP,1005 | 1 | S.A | |
| | R110 | 2007-000172 | R-CHIP;100hm,5%,1/16W,TP,1005 | | S.A | |
| 4 | R110 | 2007-000172 | R-CHIP;100hm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | | 2007-000172 | | | S.A S.A | |
| 4 | R110 | | R-CHIP;10ohm,5%,1/16W,TP,1005 | 1 | | |
| 4 | R110 | 2007-000172 | R-CHIP;10ohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000172 | R-CHIP;10ohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000172 | R-CHIP;10ohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000172 | R-CHIP;10ohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000172 | R-CHIP;10ohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000172 | R-CHIP;10ohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000172 | R-CHIP;10ohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000172 | R-CHIP;10ohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000173 | R-CHIP;22ohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000173 | R-CHIP;22ohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000173 | R-CHIP;22ohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000173 | R-CHIP;22ohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000173 | R-CHIP;22ohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000173 | R-CHIP;22ohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000173 | R-CHIP;22ohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000173 | R-CHIP;22ohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000173 | R-CHIP;22ohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000174 | R-CHIP;47ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |

| Level | Location No. | Code No. | Description & Specification | Q'ty | SA/SNA | Remark |
|-------|--------------|-------------|---------------------------------|------|--------|--------|
| 4 | R110 | 2007-000174 | R-CHIP;47ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000174 | R-CHIP;47ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000174 | R-CHIP;47ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000174 | R-CHIP;47ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000174 | R-CHIP;47ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000174 | R-CHIP;470hm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000174 | R-CHIP;47ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000174 | R-CHIP;47ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000174 | R-CHIP;47ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000174 | R-CHIP;470hm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000174 | R-CHIP;47ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | | 2007-000174 | | 1 | S.N.A | |
| H + | R110 | | R-CHIP;47ohm,5%,1/16W,TP,1005 | | 1 | |
| 4 | R110 | 2007-000174 | R-CHIP;47ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000174 | R-CHIP;47ohm,5%,1/16W,TP,1005 | | S.N.A | |
| 4 | R110 | 2007-000174 | R-CHIP;47ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000174 | R-CHIP;47ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000174 | R-CHIP;47ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000174 | R-CHIP;47ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000174 | R-CHIP;47ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000174 | R-CHIP;47ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000174 | R-CHIP;47ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000174 | R-CHIP;47ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000174 | R-CHIP;47ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000174 | R-CHIP;47ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000174 | R-CHIP;47ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000174 | R-CHIP;47ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000242 | R-CHIP;1.5Kohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000242 | R-CHIP;1.5Kohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000242 | R-CHIP;1.5Kohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000242 | R-CHIP;1.5Kohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000362 | R-CHIP;12ohm,5%,1/10W,TP,1608 | 1 | S.A | |
| 4 | R110 | 2007-000362 | R-CHIP;12ohm,5%,1/10W,TP,1608 | 1 | S.A | |
| 4 | R110 | 2007-000362 | R-CHIP;12ohm,5%,1/10W,TP,1608 | 1 | S.A | |
| 4 | R110 | 2007-000362 | R-CHIP;12ohm,5%,1/10W,TP,1608 | 1 | S.A | |
| 4 | R110 | 2007-000362 | R-CHIP;12ohm,5%,1/10W,TP,1608 | 1 | S.A | |
| 4 | R110 | 2007-000362 | R-CHIP;12ohm,5%,1/10W,TP,1608 | 1 | S.A | |
| 4 | R110 | 2007-000362 | R-CHIP;12ohm,5%,1/10W,TP,1608 | 1 | S.A | |
| 4 | R110 | 2007-000362 | R-CHIP;12ohm,5%,1/10W,TP,1608 | 1 | S.A | |
| 4 | R110 | 2007-000695 | R-CHIP;3.3ohm,5%,1/10W,TP,1608 | 1 | S.A | |
| 4 | R110 | 2007-000695 | R-CHIP;3.3ohm,5%,1/10W,TP,1608 | 1 | S.A | |
| 4 | R110 | 2007-000775 | R-CHIP;33Kohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000775 | R-CHIP;33Kohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000775 | R-CHIP;33Kohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000775 | R-CHIP;33Kohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000775 | R-CHIP;33Kohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000775 | R-CHIP;33Kohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000831 | R-CHIP;39Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000932 | R-CHIP;470ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000932 | R-CHIP;470ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000932 | R-CHIP;470ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000932 | R-CHIP;470ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |

| Level | Location No. | Code No. | Description & Specification | Q'ty | SA/SNA | Remark |
|-------|--------------|-------------|--|------|--------|--------|
| 4 | R110 | 2007-000932 | R-CHIP;470ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000932 | R-CHIP;470ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000932 | R-CHIP;470ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000932 | R-CHIP;470ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-001292 | R-CHIP;33ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-001292 | R-CHIP;33ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-001292 | R-CHIP;33ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-001292 | R-CHIP;33ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-001292 | R-CHIP;33ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-001292 | R-CHIP;33ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-001292 | R-CHIP;33ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-001292 | R-CHIP;33ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-001292 | R-CHIP;33ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-001292 | R-CHIP;33ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-001292 | R-CHIP;33ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-001292 | R-CHIP;33ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-001292 | R-CHIP;33ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-001292 | R-CHIP;33ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-001292 | R-CHIP;33ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-001292 | R-CHIP;33ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-001292 | R-CHIP;33ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-001292 | R-CHIP;33ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-001292 | R-CHIP;33ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-001292 | R-CHIP;33ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-001292 | R-CHIP;33ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-001292 | R-CHIP;33ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-001292 | R-CHIP;33ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-001292 | R-CHIP;33ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-001292 | R-CHIP;33ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-001292 | R-CHIP;33ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-001292 | R-CHIP;33ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-001292 | R-CHIP;33ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-001292 | R-CHIP;33ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-001292 | R-CHIP;33ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-001292 | R-CHIP;33ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-001292 | R-CHIP;33ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-001292 | R-CHIP;33ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-001292 | R-CHIP;33ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-001292 | R-CHIP;33ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-001292 | R-CHIP;33ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-001292 | R-CHIP;33ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-001292 | R-CHIP;33ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-001292 | R-CHIP;330hm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-001292 | R-CHIP;330hm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-001292 | R-CHIP;330hm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-001292 | R-CHIP;330hm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-001292 | R-CHIP;330hm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-001292 | R-CHIP;330hm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-001292 | R-CHIP;330hm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-001292 | R-CHIP;330ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-001313 | R-CHIP;3:3Kohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | 13110 | 2007-001020 | 13-O(1) ,0.0(0) 1,070,171000,1F,1000 | ' | U.IN.A | |

| Level | Location No. | Code No. | Description & Specification | Q'ty | SA/SNA | Remark |
|-------|--------------|-------------|--|------|--------|--------|
| 4 | R110 | 2007-001325 | R-CHIP;3.3Kohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-001325 | R-CHIP;3.3Kohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-001325 | R-CHIP;3.3Kohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-001433 | R-CHIP;12Kohm,1%,1/10W,TP,1608 | 1 | S.A | |
| 4 | R110 | 2007-007008 | R-CHIP;300ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-007008 | R-CHIP;300ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-007095 | R-CHIP;390ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-007107 | R-CHIP;100Kohm,1%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-007107 | R-CHIP;100Kohm,1%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-007142 | R-CHIP;10Kohm,1%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-007142 | R-CHIP;10Kohm,1%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-007316 | R-CHIP;3.3Kohm,1%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-007318 | R-CHIP;1Kohm,1%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-007318 | R-CHIP;1Kohm,1%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-007318 | R-CHIP;1Kohm,1%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-007318 | R-CHIP;1Kohm,1%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-007334 | R-CHIP;200Kohm,1%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-008015 | R-CHIP;75ohm,1%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-008015 | R-CHIP;75ohm,1%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-008015 | R-CHIP;75ohm,1%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-008015 | R-CHIP;75ohm,1%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-008015 | R-CHIP;75ohm,1%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-008015 | R-CHIP;75ohm,1%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-008015 | R-CHIP;75ohm,1%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-008015 | R-CHIP;75ohm,1%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-008015 | R-CHIP;75ohm,1%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-008015 | R-CHIP:75ohm,1%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-008015 | R-CHIP;75ohm,1%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-008015 | R-CHIP;75ohm,1%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-008015 | R-CHIP;75ohm,1%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-008015 | R-CHIP;75ohm,1%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-008015 | R-CHIP;75ohm,1%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-008015 | R-CHIP:75ohm,1%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-008015 | R-CHIP;75ohm,1%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-008015 | R-CHIP;75ohm,1%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-008015 | R-CHIP;75ohm,1%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-008015 | R-CHIP;75ohm,1%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-008015 | R-CHIP;75ohm,1%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-008813 | R-CHIP;909ohm,1%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-009853 | R-CHIP;1.6Kohm,1%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R2001 | 2011-001261 | R-NETWORK;330hm,5%,1/16W,L,CHIP,8P,TP,2. | 1 | S.A | |
| 4 | R2002 | 2011-001261 | R-NETWORK;330hm,5%,1/16W,L,CHIP,8P,TP,2. | 1 | S.A | |
| 4 | R2003 | 2011-001261 | R-NETWORK;330hm,5%,1/16W,L,CHIP,8P,TP,2. | 1 | S.A | |
| 4 | R2004 | 2011-001261 | R-NETWORK;330hm,5%,1/16W,L,CHIP,8P,TP,2. | 1 | S.A | |
| 4 | R2005 | 2011-001261 | R-NETWORK;330hm,5%,1/16W,L,CHIP,8P,TP,2. | 1 | S.A | |
| 4 | R2006 | 2011-001261 | R-NETWORK;330hm,5%,1/16W,L,CHIP,8P,TP,2. | 1 | S.A | |
| 4 | R2007 | 2011-001261 | R-NETWORK;330hm,5%,1/16W,L,CHIP,8P,TP,2. | 1 | S.A | |
| 4 | R2008 | 2011-001261 | R-NETWORK;330hm,5%,1/16W,L,CHIP,8P,TP,2. | 1 | S.A | |
| 4 | C120 | 2203-000125 | C-CER,CHIP;1.2nF,10%,50V,X7R,TP,1608,- | 1 | S.A | |
| 4 | C120 | 2203-000125 | C-CER,CHIP;1.2nF,10%,50V,X7R,TP,1608,- | 1 | S.A | |
| 4 | C120 | 2203-000125 | C-CER,CHIP;1.2nF,10%,50V,X7R,TP,1608,- | 1 | S.A | |
| | | | , | 1 | | |

| Level | Location No. | Code No. | Description & Specification | Q'ty | SA/SNA | Remark |
|-------|--------------|-------------|--|------|--------|--------|
| 4 | C120 | 2203-000125 | C-CER,CHIP;1.2nF,10%,50V,X7R,TP,1608,- | 1 | S.A | |
| 4 | C120 | 2203-000125 | C-CER,CHIP;1.2nF,10%,50V,X7R,TP,1608,- | 1 | S.A | |
| 4 | C120 | 2203-000233 | C-CER,CHIP;0.1nF,5%,50V,C0G,1005 | 1 | S.A | |
| 4 | C120 | 2203-000233 | C-CER,CHIP;0.1nF,5%,50V,C0G,1005 | 1 | S.A | |
| 4 | C120 | 2203-000233 | C-CER,CHIP;0.1nF,5%,50V,C0G,1005 | 1 | S.A | |
| 4 | C120 | 2203-000233 | C-CER,CHIP;0.1nF,5%,50V,C0G,1005 | 1 | S.A | |
| 4 | C120 | 2203-000233 | C-CER,CHIP;0.1nF,5%,50V,C0G,1005 | 1 | S.A | |
| 4 | C120 | 2203-000233 | C-CER,CHIP;0.1nF,5%,50V,C0G,1005 | 1 | S.A | |
| 4 | C120 | 2203-000233 | C-CER,CHIP;0.1nF,5%,50V,C0G,1005 | 1 | S.A | |
| 4 | C120 | 2203-000233 | C-CER,CHIP;0.1nF,5%,50V,C0G,1005 | 1 | S.A | |
| 4 | C120 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,TP,1608 | 1 | S.A | |
| 4 | C120 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,TP,1608 | 1 | S.A | |
| 4 | C120 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,TP,1608 | 1 | S.A | |
| 4 | C120 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,TP,1608 | 1 | S.A | |
| 4 | C120 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,TP,1608 | 1 | S.A | |
| 4 | C120 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,TP,1608 | 1 | S.A | |
| 4 | C120 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,TP,1608 | 1 | S.A | |
| 4 | C120 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,TP,1608 | 1 | S.A | |
| 4 | C120 | 2203-000257 | C-CER,CHIP:10nF,10%,50V,X7R,TP,1608 | 1 | S.A | |
| 4 | C120 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,TP,1608 | 1 | S.A | |
| 4 | C120 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,TP,1608 | 1 | S.A | |
| 4 | C120 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,TP,1608 | 1 | S.A | |
| 4 | C120 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,TP,1608 | 1 | S.A | |
| 4 | C120 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,TP,1608 | 1 | S.A | |
| 4 | C120 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,TP,1608 | 1 | S.A | |
| 4 | C120 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,TP,1608 | 1 | S.A | |
| 4 | C120 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,TP,1608 | 1 | S.A | |
| 4 | C120 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,TP,1608 | 1 | S.A | |
| 4 | C120 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,TP,1608 | 1 | S.A | |
| 4 | C120 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,TP,1608 | 1 | S.A | |
| 4 | C120 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,TP,1608 | 1 | S.A | |
| 4 | C120 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,TP,1608 | 1 | S.A | |
| 4 | C120 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,TP,1608 | 1 | S.A | |
| 4 | C120 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,TP,1608 | 1 | S.A | |
| 4 | C120 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,TP,1608 | 1 | S.A | |
| 4 | C120 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,TP,1608 | 1 | S.A | |
| 4 | C120 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,TP,1608 | 1 | S.A | |
| 4 | C120 | 2203-000280 | C-CER,CHIP;0.01nF,0.5pF,50V,C0G,1608 | 1 | S.A | |
| 4 | C120 | 2203-000438 | C-CER,CHIP;1nF,10%,50V,X7R,1005 | 1 | S.A | |
| 4 | C120 | 2203-000438 | C-CER,CHIP;1nF,10%,50V,X7R,1005 | 1 | S.A | |
| 4 | C120 | 2203-000438 | C-CER,CHIP;1nF,10%,50V,X7R,1005 | 1 | S.A | |
| 4 | C120 | 2203-000438 | C-CER,CHIP;1nF,10%,50V,X7R,1005 | 1 | S.A | |
| 4 | C120 | 2203-000438 | C-CER,CHIP;1nF,10%,50V,X7R,1005 | 1 | S.A | |
| 4 | C120 | 2203-000438 | C-CER,CHIP;1nF,10%,50V,X7R,1005 | 1 | S.A | |
| 4 | C120 | 2203-000438 | C-CER,CHIP;1nF,10%,50V,X7R,1005 | 1 | S.A | |
| 4 | C120 | 2203-000438 | C-CER,CHIP;1nF,10%,50V,X7R,1005 | 1 | S.A | |
| 4 | C120 | 2203-000438 | C-CER,CHIP;1nF,10%,50V,X7R,1005 | 1 | S.A | |
| 4 | C120 | 2203-000438 | C-CER,CHIP;1nF,10%,50V,X7R,1005 | 1 | S.A | |
| 4 | C120 | 2203-000438 | C-CER,CHIP;1nF,10%,50V,X7R,1005 | 1 | S.A | |
| 4 | C120 | 2203-000438 | C-CER,CHIP;1nF,10%,50V,X7R,1005 | 1 | S.A | |
| 4 | C120 | 2203-000489 | C-CER,CHIP;2.2nF,10%,50V,X7R,1005 | 1 | S.A | |

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|-------|--------------|-------------|--|------|------------|--------|
| 4 | C120 | 2203-000489 | C-CER,CHIP;2.2nF,10%,50V,X7R,1005 | 1 | S.A | |
| 4 | C120 | 2203-000489 | C-CER,CHIP;2.2nF,10%,50V,X7R,1005 | 1 | S.A | |
| 4 | C120 | 2203-000575 | C-CER,CHIP;220nF,10%,25V,X7R,2012 | 1 | S.A | |
| 4 | C120 | 2203-000575 | C-CER,CHIP;220nF,10%,25V,X7R,2012 | 1 | S.A | |
| 4 | C120 | 2203-000575 | C-CER,CHIP;220nF,10%,25V,X7R,2012 | 1 | S.A | |
| 4 | C120 | 2203-000575 | C-CER,CHIP;220nF,10%,25V,X7R,2012 | 1 | S.A | |
| 4 | C120 | 2203-000575 | C-CER,CHIP;220nF,10%,25V,X7R,2012 | 1 | S.A | |
| 4 | C120 | 2203-000575 | C-CER,CHIP:220nF,10%,25V,X7R,2012 | 1 | S.A | |
| 4 | C120 | 2203-000627 | C-CER,CHIP;0.022nF,5%,50V,C0G,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-000783 | C-CER,CHIP;0.33nF,5%,50V,C0G,1608 | 1 | S.A | |
| 4 | C120 | 2203-000783 | C-CER,CHIP;0.33nF,5%,50V,C0G,1608 | 1 | S.A | |
| 4 | C120 | 2203-000783 | C-CER,CHIP;0.33nF,5%,50V,C0G,1608 | 1 | S.A | |
| 4 | C120 | 2203-000783 | C-CER,CHIP;0.33nF,5%,50V,C0G,1608 | 1 | S.A | |
| 4 | C120 | 2203-000783 | C-CER,CHIP;0.33nF,5%,50V,C0G,1608 | 1 | S.A | |
| 4 | C120 | 2203-000783 | C-CER,CHIP;0.33nF,5%,50V,C0G,1608 | 1 | S.A | |
| 4 | C120 | 2203-000783 | C-CER,CHIP;0.33nF,5%,50V,C0G,1608 | 1 | S.A S.A | |
| 4 | C120 | 2203-000783 | C-CER,CHIP;0.33nF,5%,50V,C0G,1608 | 1 | S.A S.A | |
| 4 | C120 | 2203-000783 | C-CER,CHIP;0.33nF,5%,50V,C0G,1608 | 1 | S.A | |
| | C120 | 2203-000783 | | | S.A | |
| 4 | | | C-CER,CHIP;0.33nF,5%,50V,C0G,1608 | 1 | | |
| 4 | C120 | 2203-000783 | C-CER,CHIP;0.33nF,5%,50V,C0G,1608 | 1 | S.A | |
| 4 | C120 | 2203-000783 | C-CER,CHIP;0.33nF,5%,50V,C0G,1608 | 1 | S.A | |
| 4 | C120 | 2203-000783 | C-CER,CHIP;0.33nF,5%,50V,C0G,1608 | 1 | S.A | |
| 4 | C120 | 2203-000783 | C-CER,CHIP;0.33nF,5%,50V,C0G,1608 | 1 | S.A | |
| 4 | C120 | 2203-000783 | C-CER,CHIP;0.33nF,5%,50V,C0G,1608 | 1 | S.A | |
| 4 | C120 | 2203-000783 | C-CER,CHIP;0.33nF,5%,50V,C0G,1608 | 1 | S.A | |
| 4 | C120 | 2203-000851 | C-CER,CHIP;0.039nF,5%,50V,C0G,1608 | 1 | S.A | |
| 4 | C120 | 2203-000851 | C-CER,CHIP;0.039nF,5%,50V,C0G,1608 | 1 | S.A | |
| 4 | C120 | 2203-000888 | C-CER,CHIP;4.7nF,10%,50V,X7R,1608 | 1 | S.A | |
| 4 | C120 | 2203-000888 | C-CER,CHIP;4.7nF,10%,50V,X7R,1608 | 1 | S.A | |
| 4 | C120 | 2203-000975 | C-CER,CHIP;47nF,10%,25V,X7R,TP,1608,- | 1 | S.A | |
| 4 | C120 | 2203-000995 | C-CER,CHIP;0.047nF,5%,50V,C0G,1005 | 1 | S.A | |
| 4 | C120 | 2203-001072 | C-CER,CHIP;0.056nF,5%,50V,NP0,1005 | 1 | S.A | |
| 4 | C120 | 2203-001153 | C-CER,CHIP;0.068nF,5%,50V,NP0,1005 | 1 | S.A | |
| 4 | C120 | 2203-001153 | C-CER,CHIP;0.068nF,5%,50V,NP0,1005 | 1 | S.A | |
| 4 | C120 | 2203-001412 | C-CER,CHIP;0.03nF,5%,50V,NP0,TP,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-001412 | C-CER,CHIP;0.03nF,5%,50V,NP0,TP,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-001598 | C-CER,CHIP;2200nF,+80-20%,16V,Y5V,2012 | 1 | S.A | |
| 4 | C120 | 2203-001598 | C-CER,CHIP;2200nF,+80-20%,16V,Y5V,2012 | 1 | S.A | |
| 4 | C120 | 2203-001598 | C-CER,CHIP;2200nF,+80-20%,16V,Y5V,2012 | 1 | S.A | |
| 4 | C120 | 2203-001598 | C-CER,CHIP;2200nF,+80-20%,16V,Y5V,2012 | 1 | S.A | |
| 4 | C120 | 2203-001598 | C-CER,CHIP;2200nF,+80-20%,16V,Y5V,2012 | 1 | S.A | |
| 4 | C120 | 2203-001598 | C-CER,CHIP;2200nF,+80-20%,16V,Y5V,2012 | 1 | S.A | |
| 4 | C120 | 2203-001598 | C-CER,CHIP;2200nF,+80-20%,16V,Y5V,2012 | 1 | S.A | |
| 4 | C120 | 2203-001598 | C-CER,CHIP;2200nF,+80-20%,16V,Y5V,2012 | 1 | S.A | |
| 4 | C120 | 2203-002525 | C-CER,CHIP;0.56nF,10%,50V,X7R,TP,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-002525 | C-CER,CHIP;0.56nF,10%,50V,X7R,TP,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-002525 | C-CER,CHIP;0.56nF,10%,50V,X7R,TP,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-002525 | C-CER,CHIP;0.56nF,10%,50V,X7R,TP,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-005221 | C-CER,CHIP;15nF,10%,50V,X7R,1608 | 1 | S.A | |
| 4 | C120 | 2203-005221 | C-CER,CHIP;15nF,10%,50V,X7R,1608 | 1 | S.A | |
| 4 | C120 | 2203-005249 | C-CER,CHIP;100nF,10%,50V,X7R,1608 | 1 | S.A | |

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|-------|--------------|-------------|-------------------------------------|------|------------|--------|
| 4 | C120 | 2203-005249 | C-CER,CHIP;100nF,10%,50V,X7R,1608 | 1 | S.A | |
| 4 | C120 | 2203-005249 | C-CER,CHIP;100nF,10%,50V,X7R,1608 | 1 | S.A | |
| 4 | C120 | 2203-005249 | C-CER,CHIP;100nF,10%,50V,X7R,1608 | 1 | S.A | |
| 4 | C120 | 2203-005249 | C-CER,CHIP;100nF,10%,50V,X7R,1608 | 1 | S.A | |
| 4 | C120 | 2203-005249 | C-CER,CHIP;100nF,10%,50V,X7R,1608 | 1 | S.A | |
| 4 | C120 | 2203-005249 | C-CER,CHIP;100nF,10%,50V,X7R,1608 | 1 | S.A | |
| 4 | C120 | 2203-005249 | C-CER,CHIP;100nF,10%,50V,X7R,1608 | 1 | S.A | |
| 4 | C120 | 2203-005249 | C-CER,CHIP;100nF,10%,50V,X7R,1608 | 1 | S.A | |
| 4 | C120 | 2203-005249 | C-CER,CHIP;100nF,10%,50V,X7R,1608 | 1 | S.A | |
| 4 | C120 | 2203-005249 | C-CER,CHIP;100nF,10%,50V,X7R,1608 | 1 | S.A | |
| 4 | C120 | 2203-005249 | C-CER,CHIP;100nF,10%,50V,X7R,1608 | 1 | S.A | |
| 4 | C120 | 2203-005249 | C-CER,CHIP;100nF,10%,50V,X7R,1608 | 1 | S.A | |
| 4 | C120 | 2203-005249 | C-CER,CHIP;100nF,10%,50V,X7R,1608 | 1 | S.A | |
| 4 | C120 | 2203-005249 | C-CER,CHIP;100nF,10%,50V,X7R,1608 | 1 | S.A | |
| 4 | C120 | 2203-005249 | C-CER,CHIP;100nF,10%,50V,X7R,1608 | 1 | S.A | |
| 4 | C120 | 2203-005249 | C-CER,CHIP;100nF,10%,50V,X7R,1608 | 1 | S.A | |
| 4 | C120 | 2203-005249 | C-CER,CHIP;100nF,10%;50V,X7R,1608 | 1 | S.A S.A | |
| 4 | C120 | 2203-005249 | C-CER,CHIP;100nF,10%,50V,X7R,1608 | 1 | S.A | |
| | C120 | | | 1 | S.A | |
| 4 | | 2203-005249 | C-CER,CHIP;100nF,10%,50V,X7R,1608 | + | | |
| 4 | C120 | 2203-005249 | C-CER,CHIP;100nF,10%,50V,X7R,1608 | 1 | S.A | |
| 4 | C120 | 2203-005642 | C-CER,CHIP;0.22nF,5%,50V,NP0,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-005642 | C-CER,CHIP;0.22nF,5%,50V,NP0,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006126 | C-CER,CHIP;47NF,10%,16V,X7R,TP,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006126 | C-CER,CHIP;47NF,10%,16V,X7R,TP,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006126 | C-CER,CHIP;47NF,10%,16V,X7R,TP,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006126 | C-CER,CHIP;47NF,10%,16V,X7R,TP,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006126 | C-CER,CHIP;47NF,10%,16V,X7R,TP,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006126 | C-CER,CHIP;47NF,10%,16V,X7R,TP,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006126 | C-CER,CHIP;47NF,10%,16V,X7R,TP,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006126 | C-CER,CHIP;47NF,10%,16V,X7R,TP,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006126 | C-CER,CHIP;47NF,10%,16V,X7R,TP,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006126 | C-CER,CHIP;47NF,10%,16V,X7R,TP,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006126 | C-CER,CHIP;47NF,10%,16V,X7R,TP,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006126 | C-CER,CHIP;47NF,10%,16V,X7R,TP,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006126 | C-CER,CHIP;47NF,10%,16V,X7R,TP,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006126 | C-CER,CHIP;47NF,10%,16V,X7R,TP,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006126 | C-CER,CHIP;47NF,10%,16V,X7R,TP,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006126 | C-CER,CHIP;47NF,10%,16V,X7R,TP,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |

| Level | Location No. | Code No. | Description & Specification | Q'ty | SA/SNA | Remark |
|-------|--------------|-------------|-----------------------------------|----------|--------|--------|
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP:100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP:100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP:100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| | | | | <u> </u> | | |

| | Level | Location No. | Code No. | Description & Specification | Q'ty | SA/SNA | Remark |
|--|-------|--------------|-------------|-----------------------------------|------|--|--------|
| | 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| | 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| | 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| | 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| | 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| | 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| | 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| | 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| | 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| | 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| | 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| | 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| | 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| | 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| | 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| | 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| | 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| | 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| | 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 C120 2203-006158 | 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 C120 2203-006158 C-CER,CHIP;100nF,10%,16V,X7R,1005 1 S.N.A C120 2203-006158 C-CER,CHIP;100nF,10%,16V,X7R,1005 1 S.N.A C120 1 | 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 C120 2203-006158 | 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 C120 2203-006158 | 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 C120 2203-006158 | 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 C120 2203-006158 C-CER,CHIP;100nF,10%,16V,X7R,1005 1 S.N.A4 C120 2203-006158 C-CER,CHIP;100nF,10%,16V,X7R,1005 1 S.N.A | 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 C120 2203-006158 C-CER,CHIP;100nF,10%,16V,X7R,1005 1 S.N.A4 C120 2203-006158 C-CER,CHIP;100nF,10%,16V,X7R,1005 1 S.N.A | 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| | 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| | 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 C120 2203-006158 C-CER,CHIP;100nF,10%,16V,X7R,1005 1 S.N.A4 C120 2203-006158 C-CER,CHIP;100nF,10%,16V,X7R,1005 1 S.N.A | 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 C120 2203-006158 C-CER,CHIP;100nF,10%,16V,X7R,1005 1 S.N.A | 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 C120 2203-006158 | 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 C120 2203-006158 C-CER,CHIP;100nF,10%,16V,X7R,1005 1 S.N.A | 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 C120 2203-006158 | 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 C120 2203-006158 C-CER,CHIP;100nF,10%,16V,X7R,1005 1 S.N.A | 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 C120 2203-006158 C-CER,CHIP;100nF,10%,16V,X7R,1005 1 S.N.A C-CER,CHIP;1 | 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 C120 2203-006158 C-CER,CHIP;100nF,10%,16V,X7R,1005 1 S.N.A 4 C120 2203-006158 C-CER,CHIP;100nF,10%,16V,X7R,1005 1 S.N.A <td>4</td> <td>C120</td> <td>2203-006158</td> <td>C-CER,CHIP;100nF,10%,16V,X7R,1005</td> <td>1</td> <td>S.N.A</td> <td></td> | 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 C120 2203-006158 C-CER,CHIP;100nF,10%,16V,X7R,1005 1 S.N.A 4 C120 2203-006158 C-CER,CHIP;100nF,10%,16V,X7R,1005 1 S.N.A <td>4</td> <td>C120</td> <td>2203-006158</td> <td>C-CER,CHIP;100nF,10%,16V,X7R,1005</td> <td>1</td> <td>S.N.A</td> <td></td> | 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 C120 2203-006158 C-CER,CHIP;100nF,10%,16V,X7R,1005 1 S.N.A 4 C120 2203-006158 C-CER,CHIP;100nF,10%,16V,X7R,1005 1 S.N.A <td></td> <td></td> <td></td> <td></td> <td>1</td> <td>S.N.A</td> <td></td> | | | | | 1 | S.N.A | |
| 4 C120 2203-006158 C-CER,CHIP;100nF,10%,16V,X7R,1005 1 S.N.A 4 C120 2203-006158 C-CER,CHIP;100nF,10%,16V,X7R,1005 1 S.N.A <td>4</td> <td>C120</td> <td>2203-006158</td> <td>C-CER,CHIP;100nF,10%,16V,X7R,1005</td> <td>1</td> <td>S.N.A</td> <td></td> | 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 C120 2203-006158 C-CER,CHIP;100nF,10%,16V,X7R,1005 1 S.N.A 4 C120 2203-006158 C-CER,CHIP;100nF,10%,16V,X7R,1005 1 S.N.A <td>4</td> <td>C120</td> <td>2203-006158</td> <td>C-CER,CHIP;100nF,10%,16V,X7R,1005</td> <td>1</td> <td>S.N.A</td> <td></td> | 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 C120 2203-006158 C-CER,CHIP;100nF,10%,16V,X7R,1005 1 S.N.A 4 C120 2203-006158 C-CER,CHIP;100nF,10%,16V,X7R,1005 1 S.N.A <td></td> <td>C120</td> <td>2203-006158</td> <td></td> <td>1</td> <td>S.N.A</td> <td></td> | | C120 | 2203-006158 | | 1 | S.N.A | |
| 4 C120 2203-006158 C-CER,CHIP;100nF,10%,16V,X7R,1005 1 S.N.A | | | | | | | |
| 4 C120 2203-006158 C-CER,CHIP;100nF,10%,16V,X7R,1005 1 S.N.A | | | | | | 1 | |
| 4 C120 2203-006158 C-CER,CHIP;100nF,10%,16V,X7R,1005 1 S.N.A | | | | | | 1 | |
| 4 C120 2203-006158 C-CER,CHIP;100nF,10%,16V,X7R,1005 1 S.N.A | | | | | | | |
| 4 C120 2203-006158 C-CER,CHIP;100nF,10%,16V,X7R,1005 1 S.N.A | 4 | | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | _ | |
| 4 C120 2203-006158 C-CER,CHIP;100nF,10%,16V,X7R,1005 1 S.N.A4 C120 2203-006158 C-CER,CHIP;100nF,10%,16V,X7R,1005 1 S.N.A4 C120 2203-006158 C-CER,CHIP;100nF,10%,16V,X7R,1005 1 S.N.A | | | | | 1 | | |
| 4 C120 2203-006158 C-CER,CHIP;100nF,10%,16V,X7R,1005 1 S.N.A4 C120 2203-006158 C-CER,CHIP;100nF,10%,16V,X7R,1005 1 S.N.A | - | | | | | | |
| 4 C120 2203-006158 C-CER,CHIP;100nF,10%,16V,X7R,1005 1 S.N.A | | | | | 1 | | |
| | | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| | 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |

| Level | Location No. | Code No. | Description & Specification | Q'ty | SA/SNA | Remark |
|-------|--------------|-------------|---------------------------------------|------|------------|--------|
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006307 | C-CER,CHIP;1000nF,10%,25V,X5R,2012 | 1 | S.A | |
| 4 | C120 | 2203-006307 | C-CER,CHIP;1000nF,10%,25V,X5R,2012 | 1 | S.A | |
| 4 | C120 | 2203-006307 | C-CER,CHIP;1000nF,10%,25V,X5R,2012 | 1 | S.A | |
| 4 | C120 | 2203-006307 | C-CER,CHIP;1000nF,10%,25V,X5R,2012 | 1 | S.A | |
| 4 | C120 | 2203-006307 | C-CER,CHIP;1000nF,10%,25V,X5R,2012 | 1 | S.A | |
| 4 | C120 | 2203-006337 | C-CER,CHIP;4700nF,20%,25V,X5R,TP,3225 | 1 | S.A | |
| 4 | C120 | 2203-006361 | C-CER,CHIP;10000nF,10%,10V,X5R,2012 | 1 | S.A | |
| 4 | C120 | 2203-006361 | C-CER,CHIP;10000nF,10%,10V,X5R,2012 | 1 | S.A | |
| 4 | C120 | 2203-006361 | C-CER,CHIP;10000nF,10%,10V,X5R,2012 | 1 | S.A | |
| 4 | C120 | 2203-006361 | C-CER,CHIP;10000nF,10%,10V,X5R,2012 | 1 | S.A | |
| 4 | C120 | 2203-006361 | C-CER,CHIP;10000nF,10%,10V,X5R,2012 | 1 | S.A | |
| 4 | C120 | 2203-006361 | C-CER,CHIP;10000nF,10%,10V,X5R,2012 | 1 | S.A | |
| 4 | C120 | 2203-006361 | C-CER,CHIP;10000nF,10%,10V,X5R,2012 | 1 | S.A | |
| 4 | C120 | 2203-006361 | C-CER,CHIP;10000nF,10%,10V,X5R,2012 | 1 | S.A | |
| 4 | C120 | 2203-006361 | C-CER,CHIP;10000nF,10%,10V,X5R,2012 | 1 | S.A S.A | |
| 4 | C120 | 2203-006361 | C-CER,CHIP;10000nF,10%,10V,X5R,2012 | 1 | S.A | |
| 4 | C120 | 2203-006361 | C-CER,CHIP;10000nF,10%,10V,X5R,2012 | 1 | S.A | |
| | C120 | 2203-006361 | C-CER,CHIP;10000nF,10%,10V,X5R,2012 | 1 | S.A | |
| 4 | C120 | 2203-006361 | C-CER,CHIP;10000nF,10%,10V,X5R,2012 | 1 | S.A | |
| 4 | C120 | 2203-006361 | C-CER,CHIP;10000nF,10%,10V,X5R,2012 | 1 | S.A S.A | |
| 4 | C120 | 2203-006361 | C-CER,CHIP;10000IF,10%,10V,X5R,2012 | 1 | S.A S.A | |
| 4 | C120 | 2203-006361 | C-CER,CHIP;10000IF,10%,10V,X5R,2012 | 1 | S.A S.A | |
| 4 | C120 | 2203-006361 | C-CER,CHIP,10000nF,10%,10V,X5R,2012 | 1 | S.A S.A | |
| 4 | C120 | 2203-006361 | C-CER,CHIP;10000IF,10%,10V,X5R,2012 | 1 | S.A S.A | |
| | C120 | 2203-006361 | C-CER,CHIP,10000nF,10%,10V,X5R,2012 | 1 | S.A S.A | |
| 4 | C120 | 2203-006361 | C-CER,CHIP,10000nF,10%,10V,X5R,2012 | 1 | S.A S.A | |
| 4 | C120 | 2203-006361 | C-CER,CHIP,10000nF,10%,10V,X5R,2012 | 1 | S.A S.A | |
| 4 | C120 | 2203-006361 | C-CER,CHIP;10000nF,10%,10V,X5R,2012 | 1 | S.A | |
| 4 | C120 | 2203-006361 | C-CER,CHIP;10000nF,10%,10V,X5R,2012 | 1 | S.A S.A | |
| - | C120 | 2203-006361 | | + | S.A S.A | |
| 4 | | | C-CER,CHIP;10000nF,10%,10V,X5R,2012 | 1 | | |
| 4 | C120 | 2203-006361 | C-CER,CHIP;10000nF,10%,10V,X5R,2012 | 1 | S.A | |
| 4 | C120 | 2203-006361 | C-CER,CHIP;10000nF,10%,10V,X5R,2012 | 1 | S.A | |
| 4 | C120 | 2203-006361 | C-CER,CHIP;10000nF,10%,10V,X5R,2012 | 1 | S.A | |

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| 4 | C120 | 2203-006361 | C-CER,CHIP;10000nF,10%,10V,X5R,2012 | 1 | S.A | |
| 4 | C120 | 2203-006361 | C-CER,CHIP;10000nF,10%,10V,X5R,2012 | 1 | S.A | |
| 4 | C120 | 2203-006361 | C-CER,CHIP;10000nF,10%,10V,X5R,2012 | 1 | S.A | |
| 4 | C120 | 2203-006361 | C-CER,CHIP;10000nF,10%,10V,X5R,2012 | 1 | S.A | |
| 4 | C120 | 2203-006361 | C-CER,CHIP;10000nF,10%,10V,X5R,2012 | 1 | S.A | |
| 4 | C120 | 2203-006361 | C-CER,CHIP;10000nF,10%,10V,X5R,2012 | 1 | S.A | |
| 4 | C120 | 2203-006361 | C-CER,CHIP;10000nF,10%,10V,X5R,2012 | 1 | S.A | |
| 4 | C120 | 2203-006361 | C-CER,CHIP;10000nF,10%,10V,X5R,2012 | 1 | S.A | |
| 4 | C120 | 2203-006361 | C-CER,CHIP;10000nF,10%,10V,X5R,2012 | 1 | S.A | |
| 4 | C120 | 2203-006361 | C-CER,CHIP;10000nF,10%,10V,X5R,2012 | 1 | S.A | |
| 4 | C120 | 2203-006361 | C-CER,CHIP;10000nF,10%,10V,X5R,2012 | 1 | S.A | |
| 4 | C120 | 2203-006361 | C-CER,CHIP;10000nF,10%,10V,X5R,2012 | 1 | S.A | |
| 4 | C120 | 2203-006361 | C-CER,CHIP;10000nF,10%,10V,X5R,2012 | 1 | S.A | |
| 4 | C120 | 2203-006361 | C-CER,CHIP;10000nF,10%,10V,X5R,2012 | 1 | S.A | |
| 4 | C120 | 2203-006361 | C-CER,CHIP;10000nF,10%,10V,X5R,2012 | 1 | S.A | |
| 4 | C120 | 2203-006361 | C-CER,CHIP;10000nF,10%,10V,X5R,2012 | 1 | S.A | |
| 4 | C120 | 2203-006361 | C-CER,CHIP:10000nF,10%,10V,X5R,2012 | 1 | S.A | |
| 4 | C120 | 2203-006361 | C-CER,CHIP;10000nF,10%,10V,X5R,2012 | 1 | S.A | |
| 4 | C120 | 2203-006361 | C-CER,CHIP;10000nF,10%,10V,X5R,2012 | 1 | S.A | |
| 4 | C120 | 2203-006361 | C-CER,CHIP;10000nF,10%,10V,X5R,2012 | 1 | S.A | |
| 4 | C120 | 2203-006361 | C-CER,CHIP;10000nF,10%,10V,X5R,2012 | 1 | S.A | |
| 4 | C120 | 2203-006361 | C-CER,CHIP;10000nF,10%,10V,X5R,2012 | 1 | S.A | |
| 4 | C120 | 2203-006361 | C-CER,CHIP;10000nF,10%,10V,X5R,2012 | 1 | S.A | |
| 4 | C120 | 2203-006361 | C-CER,CHIP;10000nF,10%,10V,X5R,2012 | 1 | S.A | |
| 4 | C120 | 2203-006361 | | 1 | S.A | |
| | C120 | 2203-006361 | C-CER,CHIP;10000nF,10%,10V,X5R,2012 | 1 | S.A S.A | |
| 4 | | | C-CER,CHIP;10000nF,10%,10V,X5R,2012 | + | | |
| 4 | C120 | 2203-006361 2203-006361 | C-CER,CHIP;10000nF,10%,10V,X5R,2012 | 1 | S.A | |
| 4 | C120 | | C-CER,CHIP;10000nF,10%,10V,X5R,2012 | 1 | S.A S.A | |
| 4 | C120 | 2203-006361 | C-CER,CHIP;10000nF,10%,10V,X5R,2012 | 1 | | |
| 4 | C120 | 2203-006361 | C-CER,CHIP;10000nF,10%,10V,X5R,2012 | 1 | S.A | |
| 4 | C120 | 2203-006361 | C-CER,CHIP;10000nF,10%,10V,X5R,2012 | 1 | S.A | |
| 4 | C120 | 2203-006361 | C-CER,CHIP;10000nF,10%,10V,X5R,2012 | 1 | S.A | |
| 4 | C120 | 2203-006361 | C-CER,CHIP;10000nF,10%,10V,X5R,2012 | 1 | S.A | |
| 4 | C120 | 2203-006361 | C-CER,CHIP;10000nF,10%,10V,X5R,2012 | 1 | S.A | |
| 4 | C120 | 2203-006399 | C-CER,CHIP;1000nF,10%,6.3V,X5R,1005 | 1 | S.A | |
| 4 | C120 | 2203-006399 | C-CER,CHIP;1000nF,10%,6.3V,X5R,1005 | 1 | S.A | |
| 4 | C120 | 2203-006399 | C-CER,CHIP;1000nF,10%,6.3V,X5R,1005 | 1 | S.A | |
| 4 | C120 | 2203-006399 | C-CER,CHIP;1000nF,10%,6.3V,X5R,1005 | 1 | S.A | |
| 4 | C120 | 2203-006399 | C-CER,CHIP;1000nF,10%,6.3V,X5R,1005 | 1 | S.A | |
| 4 | C120 | 2203-006399 | C-CER,CHIP;1000nF,10%,6.3V,X5R,1005 | 1 | S.A | |
| 4 | C120 | 2203-006399 | C-CER,CHIP;1000nF,10%,6.3V,X5R,1005 | 1 | S.A | |
| 4 | C120 | 2203-006399 | C-CER,CHIP;1000nF,10%,6.3V,X5R,1005 | 1 | S.A | |
| 4 | C120 | 2203-006399 | C-CER,CHIP;1000nF,10%,6.3V,X5R,1005 | 1 | S.A | |
| 4 | C120 | 2203-007176 | C-CER,CHIP;10000nF,10%,16V,X5R,TP,2012 (| 1 | S.N.A | |
| 4 | C120 | 2203-007176 | C-CER,CHIP;10000nF,10%,16V,X5R,TP,2012 (| 1 | S.N.A | |
| 4 | C9014 | 2402-001323 | C-AL,SMD;100##F,20,25V,LZ,TP,6.3X8mm | 1 | S.A | |
| 4 | C9017 | 2402-001323 | C-AL,SMD;100##F,20,25V,LZ,TP,6.3X8mm | 1 | S.A | |
| 4 | C1086 | 2409-001129 | C-POLYMER ,CHIP;100uF,20%,6.3V,WT,TP,3.5 | 1 | S.A | |
| 4 | T0052 | 2703-000158 | INDUCTOR-SMD;1uH,10%,2012 | 1 | S.A | |
| 4 | T0052 | 2703-000158 | INDUCTOR-SMD;1uH,10%,2012 | 1 | S.A | |
| 4 | T0052 | 2703-000158 | INDUCTOR-SMD;1uH,10%,2012 | 1 | S.A | |

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| 4 | T0052 | 2703-000158 | INDUCTOR-SMD;1uH,10%,2012 | 1 | S.A | |
| 4 | T0052 | 2703-000398 | INDUCTOR-SMD;10uH,10%,3225 | 1 | S.A | |
| 4 | T0052 | 2703-000398 | INDUCTOR-SMD;10uH,10%,3225 | 1 | S.A | |
| 4 | T0052 | 2703-000398 | INDUCTOR-SMD;10uH,10%,3225 | 1 | S.A | |
| 4 | T0052 | 2703-000398 | INDUCTOR-SMD;10uH,10%,3225 | 1 | S.A | |
| 4 | T0052 | 2703-000398 | INDUCTOR-SMD;10uH,10%,3225 | 1 | S.A | |
| 4 | T0052 | 2703-000398 | INDUCTOR-SMD;10uH,10%,3225 | 1 | S.A | |
| 4 | T0052 | 2703-000398 | INDUCTOR-SMD;10uH,10%,3225 | 1 | S.A | |
| 4 | T0052 | 2703-000398 | INDUCTOR-SMD;10uH,10%,3225 | 1 | S.A | |
| 4 | T0052 | 2703-000398 | INDUCTOR-SMD;10uH,10%,3225 | 1 | S.A | |
| 4 | T0052 | 2703-000398 | INDUCTOR-SMD;10uH,10%,3225 | 1 | S.A | |
| 4 | T0052 | 2703-000398 | INDUCTOR-SMD;10uH,10%,3225 | 1 | S.A | |
| 4 | T0052 | 2703-000398 | INDUCTOR-SMD;10uH,10%,3225 | 1 | S.A | |
| 4 | T0052 | 2703-000398 | INDUCTOR-SMD;10uH,10%,3225 | 1 | S.A | |
| 4 | T0052 | 2703-000398 | INDUCTOR-SMD;10uH,10%,3225 | 1 | S.A | |
| 4 | T0052 | 2703-000417 | INDUCTOR-SMD;220uH,5%,3225 | 1 | S.A | |
| 4 | T0052 | 2703-001426 | INDUCTOR-SMD;680uH,20%,7070 | 1 | S.A | |
| 4 | T0052 | 2703-001778 | INDUCTOR-SMD;3.3uH,20%,3225 | 1 | S.A | |
| 4 | T0052 | 2703-001778 | INDUCTOR-SMD;3.3uH,20%,3225 | 1 | S.A | |
| 4 | L9001 | 2704-000018 | INDUCTOR-SMD-ARRAY;15uH,2000mA,2,0.124oh | 1 | S.N.A | |
| 4 | L9002 | 2704-000018 | INDUCTOR-SMD-ARRAY;15uH,2000mA,2,0.124oh | 1 | S.N.A | |
| 4 | X202 | 2801-003773 | CRYSTAL-SMD;12MHz,30ppm,28-AAN,20pF,50oh | 1 | S.A | |
| 4 | X202 | 2801-004604 | CRYSTAL-SMD;24.69MHz,30ppm,27pF,40ohm,TP | 1 | S.A | |
| 4 | T0568 | 3301-000314 | BEAD-SMD;120ohm,1.6x0.8x0.8mm,-,-,- | 1 | S.N.A | |
| 4 | T0568 | 3301-000314 | BEAD-SMD;120ohm,1.6x0.8x0.8mm,-,-,- | 1 | S.N.A | |
| 4 | T0568 | 3301-001145 | BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm | 1 | S.N.A | |
| 4 | T0568 | 3301-001145 | BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm | 1 | S.N.A | |
| 4 | T0568 | 3301-001145 | BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm | 1 | S.N.A | |
| 4 | T0568 | 3301-001145 | BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm | 1 | S.N.A | |
| 4 | T0568 | 3301-001145 | BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm | 1 | S.N.A | |
| 4 | T0568 | 3301-001145 | BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm | 1 | S.N.A | |
| 4 | T0568 | 3301-001145 | BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm | 1 | S.N.A | |
| 4 | T0568 | 3301-001145 | BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm | 1 | S.N.A | |
| 4 | T0568 | 3301-001145 | BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm | 1 | S.N.A | |
| 4 | T0568 | 3301-001145 | BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm | 1 | S.N.A | |
| 4 | T0568 | 3301-001145 | BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm | 1 | S.N.A | |
| 4 | T0568 | 3301-001145 | BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm | 1 | S.N.A | |
| 4 | T0568 | 3301-001145 | BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm | 1 | S.N.A | |
| 4 | T0568 | 3301-001145 | BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm | 1 | S.N.A | |
| 4 | T0568 | 3301-001145 | BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm | 1 | S.N.A | |
| 4 | T0568 | 3301-001145 | BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm | 1 | S.N.A | |
| 4 | T0568 | 3301-001236 | BEAD-SMD;60ohm,1608,-,-,- | 1 | S.N.A | |
| 4 | T0568 | 3301-001236 | BEAD-SMD;60ohm,1608,-,-,- | 1 | S.N.A | |
| 4 | T0568 | 3301-001236 | BEAD-SMD;60ohm,1608,-,-,- | 1 | S.N.A | |
| 4 | T0568 | 3301-001236 | BEAD-SMD;60ohm,1608,-,-,- | 1 | S.N.A | |
| 4 | T0568 | 3301-001236 | BEAD-SMD;600hm,1608,-,-,- | 1 | S.N.A | |
| 4 | T0568 | 3301-001236 | BEAD-SMD;60ohm,1608,-,-,- | 1 | S.N.A | |
| 4 | T0568 | 3301-001236 | BEAD-SMD;60ohm,1608,-,-,- | 1 | S.N.A | |
| 4 | T0568 | 3301-001324 | BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm | 1 | S.A | |
| 4 | T0568 | 3301-001324 | BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm | 1 | S.A | |
| 4 | T0568 | 3301-001324 | BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm | 1 | S.A | |

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| 4 | T0568 | 3301-001324 | BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm | 1 | S.A | |
| 4 | T0568 | 3301-001404 | BEAD-SMD;30ohm,2012,TP,15.9OHM/30MHz | 1 | S.A | |
| 4 | T0568 | 3301-001404 | BEAD-SMD;30ohm,2012,TP,15.9OHM/30MHz | 1 | S.A | |
| 4 | T0568 | 3301-001404 | BEAD-SMD;30ohm,2012,TP,15.9OHM/30MHz | 1 | S.A | |
| 4 | T0568 | 3301-001404 | BEAD-SMD;30ohm,2012,TP,15.9OHM/30MHz | 1 | S.A | |
| 4 | T0568 | 3301-001404 | BEAD-SMD;30ohm,2012,TP,15.9OHM/30MHz | 1 | S.A | |
| 4 | T0568 | 3301-001404 | BEAD-SMD;30ohm,2012,TP,15.9OHM/30MHz | 1 | S.A | |
| 4 | T0568 | 3301-001526 | BEAD-SMD;10ohm,1.6x0.8x0.8mm,1000mA,TP,, | 1 | S.N.A | |
| 4 | T0568 | 3301-001526 | BEAD-SMD;10ohm,1.6x0.8x0.8mm,1000mA,TP,, | 1 | S.N.A | |
| 4 | T0568 | 3301-001526 | BEAD-SMD;10ohm,1.6x0.8x0.8mm,1000mA,TP,, | 1 | S.N.A | |
| 4 | T0568 | 3301-001526 | BEAD-SMD;10ohm,1.6x0.8x0.8mm,1000mA,TP,, | 1 | S.N.A | |
| 4 | T0568 | 3301-001526 | BEAD-SMD;10ohm,1.6x0.8x0.8mm,1000mA,TP,, | 1 | S.N.A | |
| 4 | T0568 | 3301-001526 | BEAD-SMD;10ohm,1.6x0.8x0.8mm,1000mA,TP,, | 1 | S.N.A | |
| 4 | T0568 | 3301-001560 | BEAD-SMD;80ohm,1.6X0.8X0.8mm,200mA,TP,,, | 1 | S.N.A | |
| 4 | T0568 | 3301-001560 | BEAD-SMD;80ohm,1.6X0.8X0.8mm,200mA,TP,,, | 1 | S.N.A | |
| 4 | T0568 | 3301-001560 | BEAD-SMD;80ohm,1.6X0.8X0.8mm,200mA,TP,,, | 1 | S.N.A | |
| 4 | T0568 | 3301-001560 | BEAD-SMD;80ohm,1.6X0.8X0.8mm,200mA,TP,,, | 1 | S.N.A | |
| 4 | T0568 | 3301-001560 | BEAD-SMD;80ohm,1.6X0.8X0.8mm,200mA,TP,,, | 1 | S.N.A | |
| 4 | T0568 | 3301-001560 | BEAD-SMD;80ohm,1.6X0.8X0.8mm,200mA,TP,,, | 1 | S.N.A | |
| 4 | T0568 | 3301-001560 | BEAD-SMD;80ohm,1.6X0.8X0.8mm,200mA,TP,,, | 1 | S.N.A | |
| 4 | T0568 | 3301-001560 | BEAD-SMD;80ohm,1.6X0.8X0.8mm,200mA,TP,,, | 1 | S.N.A | |
| 4 | T0568 | 3301-001560 | BEAD-SMD;80ohm,1.6X0.8X0.8mm,200mA,TP,,, | 1 | S.N.A | |
| 4 | T0313 | 3404-001207 | SWITCH-TACT;12V,50mA,160gf,6.2X6.2,SPST | 1 | S.A | |
| 4 | JA7001 | 3701-001367 | CONNECTOR-HDMI;19P,2R,FEMALE,SMD,AU | 1 | S.A | |
| 4 | JA7002 | 3701-001367 | CONNECTOR-HDMI;19P,2R,FEMALE,SMD,AU | 1 | S.A | |
| 4 | T0077 | BN41-00963A | PCB MAIN;FR-4,4,1.2T,192*158 | 1 | S.N.A | |
| 4 | M0107 | BN61-03858A | BRACKET-PCB;L450,BRASS(H62Y),T0.4,5mm,7m | 1 | S.N.A | |
| 4 | M0107 | BN61-03858A | BRACKET-PCB;L450,BRASS(H62Y),T0.4,5mm,7m | 1 | S.N.A | |
| 4 | M0107 | BN61-03858A | BRACKET-PCB;L450,BRASS(H62Y),T0.4,5mm,7m | 1 | S.N.A | |
| 4 | M0107 | BN61-03858A | BRACKET-PCB;L450,BRASS(H62Y),T0.4,5mm,7m | 1 | S.N.A | |
| 4 | M0018 | BN97-02014A | ASSY MICOM;T-CRLAUSC-XXXX,N45A,2007.11.0 | 1 | S.N.A | |
| 5 | IC2005 | 1107-001735 | IC-NOR FLASH;MX25L3205DM2I-12G,32Mbit,16 | 1 | S.A | |
| 4 | R110 | 2007-007587 | R-CHIP:3.6Kohm,1%,1/16W,TP,1005 | 1 | S.N.A | |
| 3 | T0334 | AA60-00040A | SPACER-CRT;OD8,ID4,BLK,-,-,-,-,- | 1 | S.N.A | |
| 3 | JA333 | 3722-002697 | JACK-PIN;14P+1P(Shield+Gnd),NI,BLACK,STR | 1 | S.A | |
| 3 | SUB08 | BN97-00707A | ASSY HDCP;BN46-00018A,BR20/21BS_CS,MSTAR | 1 | S.N.A | |
| 4 | | BN46-00018A | KEY CODE-CERTIFICATE;(HDCP KEY)PPM42M5S, | 1 | S.N.A | |
| | | | , , | | | |
| 0.1 | A/SHIELD | BN91-01978A | ASSY SHIELD-SQT;LN32A450C1DXZA | 1 | S.N.A | |
| 2 | M0081 | 6003-000115 | SCREW-TAPTITE;BH,+,B,M3,L6,ZPC(BLK),SWRC | 4 | S.A | |
| 2 | M0081 | 6003-000115 | SCREW-TAPTITE;BH,+,B,M3,L6,ZPC(BLK),SWRC | 6 | S.A | |
| 2 | M0081 | 6003-000337 | SCREW-TAPTITE;BH,+,S,M4,L10,ZPC(BLK),SWR | 4 | S.A | |
| 2 | M0081 | 6003-001188 | SCREW-TAPTITE;BH,+,-,B,M4,L10,ZPC(WHT),S | 2 | S.N.A | |
| 2 | M0081 | 6003-001188 | SCREW-TAPTITE;BH,+,-,B,M4,L10,ZPC(WHT),S | 2 | S.N.A | |
| 2 | M0081 | 6003-001188 | SCREW-TAPTITE;BH,+,-,B,M4,L10,ZPC(WHT),S | 1 | S.N.A | |
| 2 | M0081 | 6003-001188 | SCREW-TAPTITE;BH,+,-,B,M4,L10,ZPC(WHT),S | 8 | S.N.A | |
| 2 | M0081 | 6003-001439 | SCREW-TAPTITE;BH,+,-,S,M4,L8,ZPC(WHT),SW | 1 | S.N.A | |
| 2 | M2893 | BH39-00362C | LEAD CONNECTOR;Beethoven,UL1007#26,5P,30 | 1 | S.A | |
| 2 | M0258 | BN39-00615Q | CBF HARNESS-INLET SOCKET;LN40A450C1D,UL1 | 1 | S.A | |
| 2 | M2893 | BN39-00802C | LEAD CONNECTOR;HPT4264H,UL1617#22,24P/24 | 1 | S.A | |
| 2 | M2893 | BN39-00849G | LEAD CONNECTOR;LE26A450,UL1007 #26,14P,2 | 1 | S.A | |

| Level | Location No. | Code No. | Description & Specification | Q'ty | SA/SNA | Remark |
|-------|--------------|---------------|---|------|------------|--------|
| 2 | T0764 | BN44-00214A | SMPS-LCDTV;MK32P5B,DYREL,AC/DC,137W,AC10 | 1 | S.A | |
| 2 | M0114 | BN61-02500A | HOLDER-WIRE:NYLON6.6.NATURAL | 4 | S.N.A | |
| 2 | M0115 | BN61-02947A | BRACKET-STAND LINK;JASMINE 32",SECC,T1.6 | 1 | S.A | |
| 2 | M0146 | BN61-03265A | BRACKET-PANEL SIDE; JASMINE, SECC 1.2, AMLC | 2 | S.N.A | |
| 2 | M0254 | BN61-03699B | HOLDER-SIDE AV;32L450,-,-,-,-,BN61-036 | 1 | S.N.A | |
| 2 | T0447 | BN96-06958A | ASSY BRACKET P-PANEL;32L450,AM,CMO,AUO,, | 1 | S.N.A | |
| 3 | M0131 | AA63-01236A | GASKET:FIRENZE,Conductive Fabric,3mm,12m | 1 | S.N.A | |
| 3 | M0131 | AA63-01401A | GASKET;LE40R71BX,Conductive Fabric,22mm, | 2 | S.N.A | |
| 3 | M0131 | AA63-01437A | GASKET;Bordeaux,Conductive Fabric,20mm,9 | 1 | S.N.A | |
| 3 | M0146 | BN61-03678A | BRACKET-PANEL TOP;32L450,SECC,T1.0,-,-,- | 1 | S.N.A | |
| 3 | B/GMAIN | BN61-03683A | BRACKET-GUIDE MAIN;L450 32INCH,SECC,T1.0 | 1 | S.N.A | |
| 3 | B/PBOTTOM | BN61-03685A | BRACKET-PANEL BOTTOM;L450 32INCH,SECC,T1 | 1 | S.N.A | |
| 3 | B/GPRIGTH | BN61-03686A | BRACKET-GUIDE POWER;L450 32INCH,SECC,T1. | 1 | S.N.A | |
| 3 | B/GPLEFT | BN61-03691A | BRACKET-GUIDE POWER;L450 32INCH,SECC,T1. | 1 | S.N.A | |
| 3 | M0081 | 6003-000115 | SCREW-TAPTITE;BH,+,B,M3,L6,ZPC(BLK),SWRC | 2 | S.N.A | |
| 3 | M0081 | 6003-000115 | SCREW-TAPTITE:BH,+,B,M3,L6,ZPC(BLK),SWRC | 2 | S.A S.A | |
| | | | , | | | |
| 3 | M0081 | 6003-000115 | SCREW-TAPTITE;BH,+,B,M3,L6,ZPC(BLK),SWRC | 2 | S.A | |
| 2 | M2893 | BN39-00875B | LEAD CONNECTOR;LN32A450C1D,UL1571#30,30P | 1 | S.A | |
| 2 | | BN68-01402A | MANUAL FLYER-STAND GUIDE;COMM,SAMSUNG,En | 1 | S.N.A | |
| 0.4 | A // OD | DNI04 000045 | 400VLOD 444 OD LEGGA 45704 DVVO | | 0.11.4 | |
| 0.1 | A/LCD | BN91-02064F | ASSY LCD-AMLCD;LE32A457C1DXXC | 1 | S.N.A | |
| 2 | M0215 | BN07-00538A | LCD-PANEL;LTF320AB01 | 1 | S.A | |
| 0.4 | M0440 | DNI00 004744 | ACCV D/MATERIAL 201 AEO LIO | 4 | CNA | |
| 0.1 | M0113 | BN92-03174A | ASSY P/MATERIAL;32L450,UO,,, | 1 | S.N.A | |
| 2 | T0003 | BH69-00418A | BAG WRAPPING;E770S/UM,LDPE,-,1828M,762,- | 3.35 | S.N.A | |
| 2 | T0524 | 6902-000738 | BAG PE;HDPE/HDPE/NITRON,T0.015/T0.015/T1 | 1 | S.N.A | |
| 0.4 | NA0045 | DNI00 0004014 | 4.00V 4.00F.000 DV I N004 4F.004 DV 70 | 4 | 0.11.4 | |
| 0.1 | M0045 | BN92-03213K | ASSY ACCESSORY; LN32A450C1DXZC | 1 | S.N.A | |
| 2 | M0045 | BN96-06514A | ASSY ACCESSORY-CABLE;CORAL/ZA,ZC,ZX | 1 | S.A | |
| 3 | T0268 | 3903-000144 | CBF-POWER CORD;DT,US,BP3/Y,U(IEC C13-RA) | 1 | S.A | |
| 3 | T0524 | 6902-000110 | BAG PE;LDPE,T0.05,W250,L400,TRP,28,2 | 1 | S.N.A | |
| 3 | CLOTH | BN63-01798A | CLOTH-CLEAN;RE40**,CLOTH,180,200,RHCM | 1 | S.N.A | |
| 3 | T0074 | BN59-00687A | REMOCON;TM-96B,49,AMERICA | 1 | S.A | |
| 2 | M0045 | BN96-07254A | ASSY ACCESSORY-MANUAL;LN32A450C1DXZC | 1 | S.A | |
| 3 | T0524 | 6902-000110 | BAG PE;LDPE,T0.05,W250,L400,TRP,28,2 | 1 | S.N.A | |
| 3 | REV 05 | AA68-00682C | CARD WARRANTY-05;PDP,W/P120(G),SECA,B5,B | 1 | S.N.A | |
| 3 | T0531 | BN63-04269A | COVER-BOTTOM;22,26,32L450,HIPS,-,-,-,V0, | 1 | S.N.A | |
| 3 | A/SCREW | BN96-01800A | ASSY ACCESSORY-SCREW ZIPPER;ROME32,-,-,- | 1 | S.N.A | |
| 4 | T0081 | 6002-001294 | SCREW-TAPPING;BH,+,,M4,L16,ZPC(BLK) | 4 | S.A | |
| 4 | ACCESSORY | 6902-000128 | BAG ZIPPER;LDPE,T0.05,W200,L150,TRP,8,2- | 1 | S.N.A | |
| 3 | M0045 | BN96-01800D | ASSY ACCESSORY;CORAL,Without Stand | 1 | S.A | |
| 4 | B/ZIPPER | 6902-000128 | BAG ZIPPER;LDPE,T0.05,W200,L150,TRP,8,2- | 1 | S.N.A | |
| 4 | M0081 | 6003-001334 | SCREW-TAPTITE;BH,+,S,M4,L14,ZPC(BLK),SWR | 3 | S.N.A | |
| 3 | | AA68-03242L | MANUAL FLYER-02,SAFETY GUIDE;comm,Samsun | 1 | S.N.A | |
| 3 | T0511 | BN68-01395C | MANUAL USERS;COMM,SAMSUNG,Eng/CF,N.Ameri | 1 | S.N.A | |
| 3 | | BN68-01396C | MANUAL FLYER-QSG;COMM,SAMSUNG,Eng/CF,N.A | 1 | S.N.A | |
| | | | | | | |
| 3 | REV 00 | BN68-01396A | MANUAL FLYER-QSG;COMM,SAMSUNG,Eng,N.Amer | 1 | S.N.A | |

5-4. LN37A450C1D Parts List

| Level | Location No. | Code No. | Description & Specification | Q'ty | SA/SNA | Remark |
|-------|--------------|----------------|--|-------|--------|--------|
| | | LN37A450C1DXZA | LN37A450C1D,N45B/37AC1-GCR,37,LCD-TV,UNI | | | |
| | | | | | | |
| 0.1 | M0001 | BN90-01502A | ASSY COVER FRONT;37L450,UO,,, | 1 | S.N.A | |
| 2 | T0003 | BN96-06785A | ASSY COVER P-FRONT;37L450,UO,PC+ABS,V0,B | 1 | S.A | |
| 3 | M0081 | 6003-001188 | SCREW-TAPTITE;BH,+,-,B,M4,L10,ZPC(WHT),S | 1 | S.N.A | |
| 3 | M0081 | 6003-001188 | SCREW-TAPTITE;BH,+,-,B,M4,L10,ZPC(WHT),S | 2 | S.N.A | |
| 3 | T0069 | AA60-00091N | SPACER-FELT;-,FELT,70X10,-,-,BLK,T1.0,-, | 1 | S.N.A | |
| 3 | T0069 | AA60-00171L | SPACER-FELT;46L3,FELT,460,T0.5,10 | 2 | S.N.A | |
| 3 | BOSS/T | BN61-03261B | BOSS-TAPE;Tulip,ACRYL,T1.1,W20mm,GRAY,TA | 0.74 | S.N.A | |
| 3 | CCM1 | BN63-02183G | COVER-SHEET;Rhcm,PE Vinyl,T0.05,1100mm,2 | 0.992 | S.N.A | |
| 3 | FELT | BN63-02224A | FELT-VIBRATION;63P5,FELT,T0.5,850,10 | 2 | S.N.A | |
| 3 | M0112 | BN63-04169A | COVER-FRONT;37L450,UO,PC+ABS,-,-,-,V0,-, | 1 | S.N.A | |
| 3 | T0059 | BN64-00379A | INDICATOR LED;ROME-II,23,PC,CLEAR | 1 | S.N.A | |
| 3 | T0061 | BN64-00453A | WINDOW-REMOCON;32R71,PC,V0,VIOLET,DIFFUS | 1 | S.N.A | |
| 3 | T0022 | BN64-00755A | KNOB-CONTROL;32L450,ABS,V0,BK07 | 1 | S.N.A | |
| 3 | D/BOTTOM | BN64-00761A | DECORATION-BOTTOM;L450 37INCH,PC,-,-,- | 1 | S.N.A | |
| 3 | A/HBOSS | BN96-06795A | ASSY HOLDER P-BOSS;37,40L450,UO,HIPS,V0, | 1 | S.N.A | |
| 4 | BOSS/T | BN61-03261A | BOSS-TAPE;Tulip,ACRYL,T1.1,W12mm,GRAY,TA | 1.45 | S.N.A | |
| 4 | H/BOSS | BN61-03677A | HOLDER-BOSS BOTTOM;37,40L450,UO,HIPS,V0, | 1 | S.N.A | |
| 3 | M0146 | BN96-07270D | ASSY BOARD P-POWER & IR;LN32A450C1D,CT50 | 1 | S.A | |
| 3 | T0069 | BP60-00015T | SPACER-FELT;L450 37",FELT,L830,BLK,T0.5, | 2 | S.N.A | |
| 3 | T0069 | BP60-00015U | SPACER-FELT;L450 37",FELT,L470,BLK,T0.5, | 2 | S.N.A | |
| 2 | T0175 | BN96-06818A | ASSY SPEAKER P;8ohm,CORAL,LCD,PDP,10W,4p | 1 | S.A | |
| | | | | | | |
| 0.1 | M0002 | BN90-01507A | ASSY COVER REAR;37L450,UO,,, | 1 | S.N.A | |
| 2 | T0081 | 6002-001294 | SCREW-TAPPING;BH,+,,M4,L16,ZPC(BLK) | 1 | S.A | |
| 2 | T0081 | 6002-001294 | SCREW-TAPPING;BH,+,,M4,L16,ZPC(BLK) | 1 | S.A | |
| 2 | T0081 | 6002-001294 | SCREW-TAPPING;BH,+,,M4,L16,ZPC(BLK) | 1 | S.A | |
| 2 | T0081 | 6002-001294 | SCREW-TAPPING;BH,+,,M4,L16,ZPC(BLK) | 14 | S.A | |
| 2 | M0013 | BN96-06789A | ASSY COVER P-REAR;37L450,UO,HIPS,V0,BK50 | 1 | S.A | |
| 3 | M0081 | 6003-001188 | SCREW-TAPTITE;BH,+,-,B,M4,L10,ZPC(WHT),S | 2 | S.N.A | |
| 3 | T0101 | BN61-03348A | BRACKET-WALL;LCD TV 32,SECC T1.2,-,-,- | 2 | S.N.A | |
| 3 | M0006 | BN63-04173A | COVER-REAR;37L450,UO,HIPS,-,-,-,V0,-,BK5 | 1 | S.N.A | |
| 3 | T0071 | BN64-00759A | INLAY-TERMINAL;L450,UO,PS SHEET,T0.5,104 | 1 | S.N.A | |
| 3 | T0064 | BN65-00002A | CLAMPER CORE;BORDEAUX,LDPE,-,-,BLK,- | 1 | S.N.A | |
| 0.1 | M0216 | BN90-01513A | ASSY STAND;37L450,UO,,, | 1 | S.N.A | |
| 2 | M0027 | BN96-07182A | ASSY STAND P-BASE;37,40L450,UO,ABS+PMMA, | 1 | S.A | |
| 3 | T0081 | 6002-001294 | SCREW-TAPPING;BH,+,,M4,L16,ZPC(BLK) | 4 | S.A | |
| 3 | M0081 | 6003-001239 | SCREW-TAPTITE;FH,+,-,B,M4,L10,ZPC(WHT),S | 8 | S.A | |
| 3 | T0524 | 6902-000518 | BAG PE;HDPE+NITRON(DOUBLE),T0.015/T0.05(| 1 | S.N.A | |
| 3 | H/SRTOP | BN61-02248A | HOLDER-SWIVEL RING;40R71,ACETAL NATUAL,T | 1 | S.N.A | |
| 3 | STUD | BN61-02428K | STUD-PEM;PNA,M4,D8,L24,ZPC(SIL),SUM24L | 3 | S.N.A | |
| 3 | B/SBOTTOM | BN61-02883A | BRACKET-STAND BOTTOM;BORDEAUX PLUS,40,SE | 1 | S.N.A | |
| 3 | H/ | BN61-02885A | HOLDER-SWIVEL RING;MURANO40,ACETAL NATUR | 1 | S.N.A | |
| | SRBOTTOM | | | | | |
| 3 | B/HINGE | BN61-02886A | BRACKET-HINGE SWIVEL;BORDEAUX PLUS,40,SE | 1 | S.N.A | |
| 3 | T0920 | BN61-03870A | GUIDE-STAND;L450 40INCH,PC+GF 20%,BLK | 1 | S.N.A | |
| 3 | G/SBOTTOM | BN61-03873A | GUIDE-STAND BOTTOM;L450 40INCH,PC+GF(20% | 1 | S.N.A | |

| Level | Location No. | Code No. | Description & Specification | Q'ty | SA/SNA | Remark |
|-------|--------------|--------------|---|-------|------------|--------|
| 3 | CCM1 | BN63-02183E | COVER-SHEET;Rhcm,PE Vinyl,T0.05,750mm,20 | 0.5 | S.N.A | |
| 3 | T0004 | BN63-03030A | COVER-STAND BASE;40R81,ABS+PMMA,-,-,-,HB | 1 | S.N.A | |
| 3 | REV 00 | BN68-01402B | MANUAL FLYER-STAND GUIDE;COMM,SAMSUNG,En | 1 | S.N.A | |
| 3 | T0132 | BN73-00052A | RUBBER FOOT;ARES 17,CR Rubber Gray,T1.5 | 4 | S.N.A | |
| 3 | M0045 | BN96-01800A | ASSY ACCESSORY;ROME32,-,-,-,SCREW | 1 | S.A | |
| 4 | T0081 | 6002-001294 | SCREW-TAPPING;BH,+,,M4,L16,ZPC(BLK) | 4 | S.A | |
| 4 | ACCESSORY | 6902-000128 | BAG ZIPPER;LDPE,T0.05,W200,L150,TRP,8,2- | 1 | S.N.A | |
| 3 | M0045 | BN96-01800D | ASSY ACCESSORY;CORAL,Without Stand | 1 | S.A | |
| 4 | M0081 | 6003-001355 | SCREW-TAPTITE;BH,+,S,M4,L20,ZPC(BLK),SWR | 3 | S.A | |
| 4 | B/ZIPPER | 6902-000128 | BAG ZIPPER;LDPE,T0.05,W200,L150,TRP,8,2- | 1 | S.N.A | |
| | | | | | | |
| 0.1 | M0017 | BN91-01973E | ASSY CHASSIS;LN37A450C1DX*,N45A | 1 | S.N.A | |
| 2 | M0014 | BN94-01638E | ASSY PCB MAIN-CPT;LN37A450C1DXZA,N45A | 1 | S.A | |
| 3 | T0245 | 0202-001608 | SOLDER-WIRE FLUX;LFC7-107,D0.8,99.3Sn/0. | 0.25 | S.N.A | |
| 3 | JA801S | 3701-001388 | CONNECTOR-HDMI;20P,Phosphor Bronze,ANGLE | 1 | S.A | |
| 3 | JA7003 | 3701-001400 | CONNECTOR-DSUB;15P,3R,FEMALE,STRAIGHT,Ni | 1 | S.A | |
| 3 | CN906 | 3707-001081 | CONNECTOR-OPTICAL;STRAIGHT,SPDIF | 1 | S.A | |
| 3 | CN330 | 3711-000058 | HEADER-BOARD TO CABLE:BOX.4P.1R.2.5MM.AN | 1 | S.A | |
| 3 | CN330 | 3711-003846 | HEADER-BOARD TO CABLE;BOX,8P,1R,2mm,ANGL | 1 | S.A | |
| 3 | CN330 | 3711-0034484 | HEADER-BOARD TO CABLE;BOX,5P,1R,2mm,STRA | 1 | S.A | |
| 3 | CN330 | 3711-004484 | HEADER-BOARD TO CABLE;BOX,5P,1R,2mm,STRA | 1 | S.A | |
| 3 | CN330 | 3711-004464 | HEADER-BOARD TO CABLE;BOX,30P,1R,2IIIIII,3TRA | 1 | S.A | |
| | | | | 1 | S.A S.A | |
| 3 | CN330 | 3711-005842 | HEADER-BOARD TO CABLE;BOX,24P,2R,2MM,STR | | | |
| 3 | JA330 | 3722-000143 | JACK-PHONE;1P(VER),AG,BLK,ANGLE | 1 | S.A | |
| 3 | JA330 | 3722-001061 | JACK-PHONE;1P,3.6PI,AG,BLK,N | 1 | S.A | |
| 3 | JA806S | 3722-002275 | JACK-DIN;4P,-,SN,BLK,- | 1 | S.A | |
| 3 | JA7004 | 3722-002516 | JACK-USB;4P/1C,AU30U,BLK,STRAIGHT,A TYPE | 1 | S.A | |
| 3 | JA333 | 3722-002635 | JACK-PIN;3P,Sn,YEL/WHT/RED,ANGLE | 1 | S.A | |
| 3 | JA333 | 3722-002684 | JACK-PIN;14P+1P PHONE,NI,BLACK,STRAIGHT | 1 | S.A | |
| 3 | CIS3 | AA40-00177A | TUNER;TDQU6-K01A,TDQU6-K01A,NTSC/ATSC,18 | 1 | S.A | |
| 3 | M0107 | BN63-01847A | SHIELD-COVER;ROME,SECC,T0.3,49.5,79.5,HE | 1 | S.N.A | |
| 3 | CCMM1 | BN73-00024D | SILICON/RUBBER;BORDEAUX,SILICON,28x28XT6 | 1 | S.N.A | |
| 3 | A/HDCP | BN97-00688B | ASSY HDCP;MT8202 IC HDCP Key' | 1 | S.N.A | |
| 4 | _ | BN46-00018A | KEY CODE-CERTIFICATE;(HDCP KEY)PPM42M5S, | 1 | S.N.A | |
| 3 | T0174 | BN97-01995E | ASSY SMD;LN37A450C1DXZA,CPT | 1 | S.N.A | |
| 4 | SUB05 | 0202-001477 | SOLDER-CREAM;LST309-M,-,D20~45##,96.5Sn/ | 2.094 | S.N.A | |
| 4 | D1011 | 0401-000133 | DIODE-SWITCHING;RLS4148,75V,150mA,LL-34, | 1 | S.A | |
| 4 | D9005 | 0401-000133 | DIODE-SWITCHING;RLS4148,75V,150mA,LL-34, | 1 | S.A | |
| 4 | D2002 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | S.A | |
| 4 | D2003 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | S.A | |
| 4 | D2004 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | S.A | |
| 4 | D2006 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | S.A | |
| 4 | D2008 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | S.A | |
| 4 | D5001 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | S.A | |
| 4 | D7002 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | S.A | |
| 4 | D7005 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | S.A | |
| 4 | D7011 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | S.A | |
| 4 | D7012 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | S.A | |
| 4 | D7013 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | S.A | |
| 4 | D7023 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | S.A | |
| 4 | D7025 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | S.A | |

| Level | Location No. | Code No. | Description & Specification | Q'ty | SA/SNA | Remark |
|-------|--------------|-------------|--|------|--------|--------|
| 4 | D8012S | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | S.A | |
| 4 | D8014S | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | S.A | |
| 4 | D1004 | 0401-001099 | DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3 | 1 | S.A | |
| 4 | D1005 | 0401-001099 | DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3 | 1 | S.A | |
| 4 | D1007 | 0401-001099 | DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3 | 1 | S.A | |
| 4 | D1008 | 0401-001099 | DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3 | 1 | S.A | |
| 4 | D1009 | 0401-001099 | DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3 | 1 | S.A | |
| 4 | D1010 | 0401-001099 | DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3 | 1 | S.A | |
| 4 | D9004 | 0401-001099 | DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3 | 1 | S.A | |
| 4 | D0254 | 0402-000553 | DIODE-SCHOTTKY;SS24/B240,40V,2000mA,DO-2 | 1 | S.A | |
| 4 | D0254 | 0402-000553 | DIODE-SCHOTTKY;SS24/B240,40V,2000mA,DO-2 | 1 | S.A | |
| 4 | D0254 | 0402-001207 | DIODE-SCHOTTKY;UPS5819,40V,1000MA,DO-216 | 1 | S.A | |
| 4 | D1006 | 0403-000002 | DIODE-ZENER;VLZ5V6B,5.45/5.73V,500mW,SOD | 1 | S.A | |
| 4 | D7017 | 0403-000771 | DIODE-ZENER;VLZ6V2B,5.96-6.27V,500mW,SOD | 1 | S.A | |
| 4 | D7018 | 0403-000771 | DIODE-ZENER;VLZ6V2B,5.96-6.27V,500mW,SOD | 1 | S.A | |
| 4 | D7050 | 0403-000771 | DIODE-ZENER;VLZ6V2B,5.96-6.27V,500mW,SOD | 1 | S.A | |
| 4 | D8007S | 0403-000771 | DIODE-ZENER;VLZ6V2B,5.96-6.27V,500mW,SOD | 1 | S.A | |
| 4 | D6002 | 0403-001052 | DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2 | 1 | S.A | |
| 4 | D6003 | 0403-001052 | DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2 | 1 | S.A | |
| 4 | D6004 | 0403-001052 | DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2 | 1 | S.A | |
| 4 | D6005 | 0403-001052 | DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2 | 1 | S.A | |
| 4 | D6007 | 0403-001052 | DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2 | 1 | S.A | |
| 4 | D6008 | 0403-001052 | DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2 | 1 | S.A | |
| 4 | D6013 | 0403-001052 | DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2 | 1 | S.A | |
| 4 | D6014 | 0403-001052 | DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2 | 1 | S.A | |
| 4 | D6016 | 0403-001052 | DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2 | 1 | S.A | |
| 4 | D6017 | 0403-001052 | DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2 | 1 | S.A | |
| 4 | D6019 | 0403-001052 | DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2 | 1 | S.A | |
| 4 | D6020 | 0403-001052 | DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2 | 1 | S.A | |
| 4 | D7019 | 0403-001052 | DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2 | 1 | S.A | |
| 4 | D7021 | 0403-001052 | DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2 | 1 | S.A | |
| 4 | D7027 | 0403-001052 | DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2 | 1 | S.A | |
| 4 | D7028 | 0403-001052 | DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2 | 1 | S.A | |
| 4 | D7030 | 0403-001052 | DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2 | 1 | S.A | |
| 4 | D7032 | 0403-001052 | DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2 | 1 | S.A | |
| 4 | D7034 | 0403-001052 | DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2 | 1 | S.A | |
| 4 | D8002S | 0403-001052 | DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2 | 1 | S.A | |
| 4 | D8003S | 0403-001052 | DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2 | 1 | S.A | |
| 4 | D8010S | 0403-001052 | DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2 | 1 | S.A | |
| 4 | D8025S | 0403-001052 | DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2 | 1 | S.A | |
| 4 | D8026S | 0403-001052 | DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2 | 1 | S.A | |
| 4 | D8027S | 0403-001052 | DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2 | 1 | S.A | |
| 4 | D8028S | 0403-001052 | DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2 | 1 | S.A | |
| 4 | D5002 | 0403-001425 | DIODE-ZENER;BZX84C33,31-35V,350mW,SOT-23 | 1 | S.A | |
| 4 | D6001 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48/-/50V,SMD | 1 | S.A | |
| 4 | D6006 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48/-/50V,SMD | 1 | S.A | |
| 4 | D6009 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48/-/50V,SMD | 1 | S.A | |
| 4 | D6010 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48/-/50V,SMD | 1 | S.A | |
| 4 | D6011 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48/-/50V,SMD | 1 | S.A | |
| 4 | D6012 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48/-/50V,SMD | 1 | S.A | |
| 4 | D6015 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48/-/50V,SMD | 1 | S.A | |

| Level | Location No. | Code No. | Description & Specification | Q'ty | SA/SNA | Remark |
|-------|--------------|-------------|--|------|------------|--------|
| 4 | D6018 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48/-/50V,SMD | 1 | S.A | |
| 4 | D6021 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48/-/50V,SMD | 1 | S.A | |
| 4 | D6022 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48/-/50V,SMD | 1 | S.A | |
| 4 | D6023 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48/-/50V,SMD | 1 | S.A | |
| 4 | D6024 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48/-/50V,SMD | 1 | S.A | |
| 4 | D6025 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48/-/50V,SMD | 1 | S.A | |
| 4 | D7001 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48/-/50V,SMD | 1 | S.A | |
| 4 | D7003 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48/-/50V,SMD | 1 | S.A | |
| 4 | D7010 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48/-/50V,SMD | 1 | S.A | |
| 4 | D7024 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48/-/50V,SMD | 1 | S.A | |
| 4 | D7041 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48/-/50V,SMD | 1 | S.A | |
| 4 | D7042 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48/-/50V,SMD | 1 | S.A | |
| 4 | D8004S | 0406-001172 | DIODE-TVS;CDS3C30GTH,48/-/50V,SMD | 1 | S.A | |
| 4 | D8005S | 0406-001172 | DIODE-TVS;CDS3C30GTH,48/-/50V,SMD | 1 | S.A | |
| 4 | D8008S | 0406-001172 | DIODE-TVS;CDS3C30GTH,48/-/50V,SMD | 1 | S.A | |
| 4 | D8009S | 0406-001172 | DIODE-TVS;CDS3C30GTH,48/-/50V,SMD | 1 | S.A | |
| 4 | D8015S | 0406-001172 | DIODE-TVS;CDS3C30GTH,48/-/50V,SMD | 1 | S.A | |
| 4 | D8021S | 0406-001172 | DIODE-TVS;CDS3C30GTH,46/-/50V,SMD | 1 | S.A | |
| 4 | D8021S | 0406-001172 | DIODE-TVS;CDS3C30GTH,46/-/50V,SMD | 1 | S.A | |
| | D8022S | 0406-001172 | DIODE-TVS;CDS3C30GTH,48/-/50V,SMD | 1 | S.A | |
| 4 | D8023S | | | 1 | S.A S.A | |
| 4 | | 0406-001172 | DIODE-TVS;CDS3C30GTH,48/-/50V,SMD | | | |
| 4 | D7014 | 0406-001200 | DIODE-TVS;RCLAMP0504F,6/-/-V,150W,SC-70 | 1 | S.A | |
| 4 | D7051 | 0406-001271 | DIODE-TVS;RCLAMP0524P,6/-/-V,150W,SLP251 | 1 | S.A | |
| 4 | D7052 | 0406-001271 | DIODE-TVS;RCLAMP0524P,6/-/-V,150W,SLP251 | 1 | S.A | |
| 4 | D7053 | 0406-001271 | DIODE-TVS;RCLAMP0524P,6/-/-V,150W,SLP251 | 1 | S.A | |
| 4 | D7054 | 0406-001271 | DIODE-TVS;RCLAMP0524P,6/-/-V,150W,SLP251 | 1 | S.A | |
| 4 | D8100S | 0406-001271 | DIODE-TVS;RCLAMP0524P,6/-/-V,150W,SLP251 | 1 | S.A | |
| 4 | D8101S | 0406-001271 | DIODE-TVS;RCLAMP0524P,6/-/-V,150W,SLP251 | 1 | S.A | |
| 4 | D7038 | 0407-000123 | DIODE-ARRAY;DAN202K,80V,100mA,CA2-3,SOT- | 1 | S.A | |
| 4 | D7039 | 0407-000123 | DIODE-ARRAY;DAN202K,80V,100mA,CA2-3,SOT- | 1 | S.A | |
| 4 | Q1000 | 0501-000434 | TR-SMALL SIGNAL;KTC3875S-GR,NPN,150mW,SO | 1 | S.A | |
| 4 | Q9004 | 0501-000434 | TR-SMALL SIGNAL;KTC3875S-GR,NPN,150mW,SO | 1 | S.A | |
| 4 | Q9005 | 0501-000434 | TR-SMALL SIGNAL;KTC3875S-GR,NPN,150mW,SO | 1 | S.A | |
| 4 | Q2003 | 0501-000445 | TR-SMALL SIGNAL;KTC3875S-Y,NPN,150mW,SOT | 1 | S.A | |
| 4 | Q3001L | 0501-000445 | TR-SMALL SIGNAL;KTC3875S-Y,NPN,150mW,SOT | 1 | S.A | |
| 4 | Q5001 | 0501-000445 | TR-SMALL SIGNAL;KTC3875S-Y,NPN,150mW,SOT | 1 | S.A | |
| 4 | Q7003 | 0501-000445 | TR-SMALL SIGNAL;KTC3875S-Y,NPN,150mW,SOT | 1 | S.A | |
| 4 | Q7004 | 0501-000445 | TR-SMALL SIGNAL;KTC3875S-Y,NPN,150mW,SOT | 1 | S.A | |
| 4 | Q9002 | 0501-000669 | TR-SMALL SIGNAL;KTA1505Y,PNP,150mW,SOT-2 | 1 | S.A | |
| 4 | Q1002L | 0501-002080 | TR-SMALL SIGNAL;2SC2412K,NPN,200mW,SC-59 | 1 | S.A | |
| 4 | Q1003L | 0501-002080 | TR-SMALL SIGNAL;2SC2412K,NPN,200mW,SC-59 | 1 | S.A | |
| 4 | Q2005 | 0504-000129 | TR-DIGITAL;KSR1104,NPN,200mW,47K/47K,SOT | 1 | S.A | |
| 4 | Q409 | 0505-000110 | FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0. | 1 | S.A | |
| 4 | Q409 | 0505-000110 | FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0. | 1 | S.A | |
| 4 | Q409 | 0505-000110 | FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0. | 1 | S.A | |
| 4 | Q409 | 0505-000110 | FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0. | 1 | S.A | |
| 4 | Q409 | 0505-001165 | FET-SILICON;SI3443BDV,P,-20V,+-4.4A,65mo | 1 | S.A | |
| 4 | IC104 | 0801-002633 | IC-CMOS LOGIC;7WBD3125,2bit BUS SWITCH,S | 1 | S.A | |
| 4 | IC104 | 0801-002633 | IC-CMOS LOGIC;7WBD3125,2bit BUS SWITCH,S | 1 | S.A | |
| 4 | IC2003 | 0904-001862 | IC-I/O SUPPORT CHIP;PCF8574ATS,8Bit,SSOP | 1 | S.A | |
| 4 | IC6003 | 1001-000164 | IC-ANALOG MULTIPLEX;74HC4052,CMOS,SOP,16 | 1 | S.A | |

| Level | Location No. | Code No. | Description & Specification | Q'ty | SA/SNA | Remark |
|-------|--------------|-------------|--|------|------------|--------|
| 4 | IC106 | 1001-001082 | IC-VIDEO SWITCH;BA7657F,-,SOP,24P,300MIL | 1 | S.A | |
| | IC106 | 1001-001082 | | 1 | S.A S.A | |
| 4 | | | IC-VIDEO SWITCH;TMDS351PAG,TQFP,64P,9x9m | | | |
| 4 | IC6001 | 1006-001266 | IC-LINE TRANSCEIVER;SP3232EEY,TSSOP,16P, | 1 | S.A | |
| 4 | IC112 | 1103-000129 | IC-EEPROM;24C02,2Kbit,256x8Bit,SOP,8P,5x | 1 | S.A | |
| 4 | IC112 | 1103-000129 | IC-EEPROM;24C02,2Kbit,256x8Bit,SOP,8P,5x | 1 | S.A | |
| 4 | IC112 | 1103-000129 | IC-EEPROM;24C02,2Kbit,256x8Bit,SOP,8P,5x | 1 | S.A | |
| 4 | IC112 | 1103-000129 | IC-EEPROM;24C02,2Kbit,256x8Bit,SOP,8P,5x | 1 | S.A | |
| 4 | IC112 | 1103-001406 | IC-EEPROM;AT24C512BN-SH25-T,512Kbit,64Kx | 1 | S.A | |
| 4 | IC201C | 1105-001838 | IC-DDR SDRAM;EM6A9160TS0A-5G,DDR SDRAM,1 | 1 | S.A | |
| 4 | IC202C | 1105-001838 | IC-DDR SDRAM;EM6A9160TS0A-5G,DDR SDRAM,1 | 1 | S.A | |
| 4 | DU410 | 1201-000166 | IC-OP AMP;LM358,SOP,ST,8P,150MIL,DUAL,10 | 1 | S.A | |
| 4 | DU410 | 1201-000541 | IC-OP AMP;062,SOP,8P,153MIL,DUAL,6V/mV,P | 1 | S.A | |
| 4 | T0085 | 1201-002487 | IC-AUDIO AMP;MAX9728A,QFN,12P,3x3mm,DUAL | 1 | S.A | |
| 4 | T0124 | 1201-002678 | IC-POWER AMP;STA335BWS,PSSO,36P,10.3x7.5 | 1 | S.A | |
| 4 | IC012 | 1203-001195 | IC-POSI.ADJUST REG.;1587,TO-263,3P,393MI | 1 | S.A | |
| 4 | IC012 | 1203-001195 | IC-POSI.ADJUST REG.;1587,TO-263,3P,393MI | 1 | S.A | |
| 4 | T0087 | 1203-001815 | IC-POSI.FIXED REG.;78M09,TO-252,3P,-,PLA | 1 | S.A | |
| 4 | T0087 | 1203-002835 | IC-POSI.FIXED REG.;KIA7805AF,DPAK,3P,6.6 | 1 | S.A | |
| 4 | T0087 | 1203-002842 | IC-POSI.FIXED REG.;AP1117D-33A,TO-252,3P | 1 | S.A | |
| 4 | IC012 | 1203-002995 | IC-POSI.ADJUST REG.;AP1117D-A,TO-252,3P, | 1 | S.A | |
| 4 | IC012 | 1203-002995 | IC-POSI.ADJUST REG.;AP1117D-A,TO-252,3P, | 1 | S.A | |
| 4 | T0087 | 1203-003121 | IC-POSI.FIXED REG.;FAN1112,SOT-223,3P,6. | 1 | S.A | |
| 4 | IC1005 | 1203-004364 | IC-VOL. DETECTOR;RT9818C-42PV,SOT-23,3P, | 1 | S.A | |
| 4 | IC1007 | 1203-004364 | IC-VOL. DETECTOR;RT9818C-42PV,SOT-23,3P, | 1 | S.A | |
| 4 | IC118 | 1204-002779 | IC-VIDEO PROCESS;S4LF122X01,PBGA,208P,17 | 1 | S.A | |
| 4 | IC5002 | 1204-002773 | IC-DEMODULATOR;S5H1411,-,100P,14x14mm,PL | 1 | S.A | |
| 4 | IC3002 | 1204-002818 | IC-DECODER;SEMS10-LF,LQFP,256P,28x28mm,P | 1 | S.A | |
| | R110 | 2007-000041 | R-CHIP:475ohm,1%,1/10W,TP,1608 | 1 | S.A S.A | |
| 4 | | | , , , , , , | | | |
| 4 | R110 | 2007-000041 | R-CHIP;475ohm,1%,1/10W,TP,1608 | 1 | S.A | |
| 4 | R110 | 2007-000052 | R-CHIP;10Kohm,1%,1/10W,TP,1608 | 1 | S.A | |
| 4 | R110 | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | S.A | |
| 4 | R110 | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | S.A | |
| 4 | R110 | 2007-000072 | R-CHIP;47ohm,5%,1/10W,TP,1608 | 1 | S.A | |
| 4 | R110 | 2007-000072 | R-CHIP;47ohm,5%,1/10W,TP,1608 | 1 | S.A | |
| 4 | R110 | 2007-000072 | R-CHIP;47ohm,5%,1/10W,TP,1608 | 1 | S.A | |
| 4 | R110 | 2007-000072 | R-CHIP;47ohm,5%,1/10W,TP,1608 | 1 | S.A | |
| 4 | R110 | 2007-000138 | R-CHIP;100ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000138 | R-CHIP;100ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000138 | R-CHIP;100ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000138 | R-CHIP;100ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000138 | R-CHIP;100ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000138 | R-CHIP;100ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000138 | R-CHIP;100ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000138 | R-CHIP;100ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000138 | R-CHIP;100ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000138 | R-CHIP;100ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000138 | R-CHIP;100ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000138 | R-CHIP;100ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000138 | R-CHIP;100ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000138 | R-CHIP;100ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000138 | R-CHIP;100ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| | | | - , | | | |

| Level | Location No. | Code No. | Description & Specification | Q'ty | SA/SNA | Remark |
|-------|--------------|-------------|--|------|--------|--------|
| 4 | R110 | 2007-000138 | R-CHIP;100ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000138 | R-CHIP;100ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000138 | R-CHIP;100ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000138 | R-CHIP;100ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000138 | R-CHIP;100ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000138 | R-CHIP;100ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000138 | R-CHIP;100ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000138 | R-CHIP:100ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000138 | R-CHIP;100ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000138 | R-CHIP;100ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000138 | R-CHIP;100ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000138 | R-CHIP;100ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000138 | R-CHIP;100ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000138 | R-CHIP;100ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000138 | R-CHIP;100ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000138 | R-CHIP;100ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000138 | R-CHIP;100ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000138 | R-CHIP;100ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000138 | R-CHIP;100ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000138 | R-CHIP;100ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000138 | R-CHIP;100ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000138 | R-CHIP;1000hm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000138 | R-CHIP;1000hm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| | R110 | 2007-000138 | R-CHIP;1000hm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000138 | | 1 | S.N.A | |
| 4 | | | R-CHIP;100ohm,5%,1/16W,TP,1005 | | _ | |
| 4 | R110 | 2007-000138 | R-CHIP;100ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000138 | R-CHIP;100ohm,5%,1/16W,TP,1005 R-CHIP;100ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000138 | R-CHIP;1000hm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000138 | , , , , , | 1 | S.N.A | |
| 4 | R110 | 2007-000138 | R-CHIP:100ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000138 | R-CHIP;100ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000138 | R-CHIP;100ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000138 | R-CHIP;100ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000138 | R-CHIP;100ohm,5%,1/16W,TP,1005 R-CHIP;100ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000138 | , , , , , | 1 | S.N.A | |
| 4 | R110 | 2007-000138 | R-CHIP;100ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000138 | R-CHIP;100ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000138 | R-CHIP;100ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000138 | R-CHIP;100ohm,5%,1/16W,TP,1005 R-CHIP;100ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000138 | | 1 | S.N.A | |
| 4 | R110 | 2007-000138 | R-CHIP;100ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000138 | R-CHIP;100ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000138 | R-CHIP;100ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000138 | R-CHIP;100ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000138 | R-CHIP;100ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000138 | R-CHIP;100ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000138 | R-CHIP;100ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000138 | R-CHIP;100ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000138 | R-CHIP;100ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000138 | R-CHIP;100ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000138 | R-CHIP;100ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |

| Lovel | Logotion No. | Codo No | Description & Specification | O'th/ | CA/CNIA | Domork |
|-------|--------------|-------------|----------------------------------|-------|---------|--------|
| Level | Location No. | Code No. | Description & Specification | Q'ty | SA/SNA | Remark |
| 4 | R110 | 2007-000138 | R-CHIP;100ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000138 | R-CHIP;100ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000138 | R-CHIP;100ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000138 | R-CHIP;100ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000138 | R-CHIP;100ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000138 | R-CHIP;100ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000138 | R-CHIP;100ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000138 | R-CHIP;100ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000138 | R-CHIP;100ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000138 | R-CHIP;100ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000138 | R-CHIP;100ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000138 | R-CHIP;100ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000138 | R-CHIP;100ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000138 | R-CHIP;100ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000138 | R-CHIP;100ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000140 | R-CHIP;1Kohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000140 | R-CHIP;1Kohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000140 | R-CHIP;1Kohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000140 | R-CHIP;1Kohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000140 | R-CHIP;1Kohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000140 | R-CHIP;1Kohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000140 | R-CHIP;1Kohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000140 | R-CHIP;1Kohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000140 | R-CHIP;1Kohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000140 | R-CHIP;1Kohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000140 | R-CHIP;1Kohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000140 | R-CHIP;1Kohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000140 | R-CHIP;1Kohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000140 | R-CHIP;1Kohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000140 | R-CHIP;1Kohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000140 | R-CHIP;1Kohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000140 | R-CHIP;1Kohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000140 | R-CHIP;1Kohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000140 | R-CHIP;1Kohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000140 | R-CHIP;1Kohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000140 | R-CHIP:1Kohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000140 | R-CHIP;2.2Kohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000141 | R-CHIP;2.2Kohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000141 | R-CHIP;2.2Kohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000141 | R-CHIP;2.2Kohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| | R110 | 2007-000141 | R-CHIP,2.2Kohin,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | | | | | | |
| 4 | R110 | 2007-000141 | R-CHIP;2.2Kohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000143 | R-CHIP;4.7Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000143 | R-CHIP;4.7Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000143 | R-CHIP;4.7Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000143 | R-CHIP;4.7Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000143 | R-CHIP;4.7Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000143 | R-CHIP;4.7Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000143 | R-CHIP;4.7Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000143 | R-CHIP;4.7Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000143 | R-CHIP;4.7Kohm,5%,1/16W,TP,1005 | 1 | S.A | |

| Level | Location No. | Code No. | Description & Specification | Q'ty | SA/SNA | Remark |
|-------|--------------|-------------|---------------------------------|------|--------|--------|
| 4 | R110 | 2007-000143 | R-CHIP;4.7Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000143 | R-CHIP;4.7Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000143 | R-CHIP;4.7Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000143 | R-CHIP;4.7Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000143 | R-CHIP;4.7Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000143 | R-CHIP;4.7Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000143 | R-CHIP;4.7Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000143 | R-CHIP;4.7Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000143 | R-CHIP;4.7Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000143 | R-CHIP;4.7Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000143 | R-CHIP;4.7Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000143 | R-CHIP;4.7Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000143 | R-CHIP;4.7Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000143 | R-CHIP;4.7Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000143 | R-CHIP;4.7Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000143 | R-CHIP;4.7Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000148 | R-CHIP;10Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000148 | R-CHIP;10Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000148 | R-CHIP;10Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000148 | R-CHIP;10Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000148 | R-CHIP;10Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000148 | R-CHIP;10Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000148 | R-CHIP;10Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000148 | R-CHIP;10Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000148 | R-CHIP;10Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000148 | R-CHIP;10Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000148 | R-CHIP:10Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000148 | R-CHIP:10Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000148 | R-CHIP;10Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000148 | R-CHIP;10Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000148 | R-CHIP:10Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000148 | R-CHIP;10Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000148 | R-CHIP;10Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000148 | R-CHIP;10Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000148 | R-CHIP;10Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000148 | R-CHIP;10Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000148 | R-CHIP;10Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000148 | R-CHIP;10Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000148 | R-CHIP;10Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000148 | R-CHIP;10Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000148 | R-CHIP;10Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000148 | R-CHIP;10Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000148 | R-CHIP;10Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000148 | R-CHIP;10Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000148 | R-CHIP;10Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000148 | R-CHIP;10Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000148 | R-CHIP;10Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000148 | R-CHIP;10Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000148 | R-CHIP;10Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000148 | R-CHIP;10Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000148 | R-CHIP;10Kohm,5%,1/16W,TP,1005 | 1 | S.A | |

| Level | Location No. | Code No. | Description & Specification | Q'ty | SA/SNA | Remark |
|-------|--------------|-------------|--------------------------------|------|------------|--------|
| | | | | - | | Remark |
| 4 | R110 | 2007-000148 | R-CHIP;10Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000148 | R-CHIP;10Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000148 | R-CHIP;10Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000148 | R-CHIP;10Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000148 | R-CHIP;10Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000148 | R-CHIP;10Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000148 | R-CHIP;10Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000148 | R-CHIP;10Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000148 | R-CHIP;10Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000148 | R-CHIP;10Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000148 | R-CHIP;10Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000148 | R-CHIP;10Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000148 | R-CHIP;10Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000148 | R-CHIP;10Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000148 | R-CHIP;10Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000148 | R-CHIP;10Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000148 | R-CHIP;10Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000148 | R-CHIP;10Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000148 | R-CHIP;10Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000148 | R-CHIP;10Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000148 | R-CHIP;10Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000148 | R-CHIP;10Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000148 | R-CHIP;10Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000148 | R-CHIP;10Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000148 | R-CHIP;10Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000148 | R-CHIP;10Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000148 | R-CHIP;10Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000148 | R-CHIP;10Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000148 | R-CHIP;10Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000148 | R-CHIP;10Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000148 | R-CHIP;10Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000148 | R-CHIP;10Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000149 | R-CHIP:12Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000149 | R-CHIP;12Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000149 | R-CHIP;12Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000149 | R-CHIP:12Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000149 | R-CHIP;12Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000149 | R-CHIP;12Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000149 | R-CHIP;22KOHM,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000153 | R-CHIP;22KOHM,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000153 | R-CHIP;22KOHM,5%,1/16W,TP,1005 | 1 | S.A S.A | |
| | | 2007-000153 | | 1 | S.A S.A | |
| 4 | R110 | | R-CHIP;22KOHM,5%,1/16W,TP,1005 | | | |
| 4 | R110 | 2007-000153 | R-CHIP;22KOHM,5%,1/16W,TP,1005 | 1 | S.A S.A | |
| 4 | R110 | 2007-000153 | R-CHIP;22KOHM,5%,1/16W,TP,1005 | 1 | | |
| 4 | R110 | 2007-000153 | R-CHIP;22KOHM,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000153 | R-CHIP;22KOHM,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000153 | R-CHIP;22KOHM,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000157 | R-CHIP;47Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000157 | R-CHIP;47Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000157 | R-CHIP;47Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000157 | R-CHIP;47Kohm,5%,1/16W,TP,1005 | 1 | S.A | |

| Level | Location No. | Code No. | Description & Specification | Q'ty | SA/SNA | Remark |
|-------|--------------|-------------|---------------------------------|------|--------|--------|
| 4 | R110 | 2007-000157 | R-CHIP;47Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000157 | R-CHIP;47Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000157 | R-CHIP;47Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000157 | R-CHIP;47Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000157 | R-CHIP;47Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000157 | R-CHIP;47Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000157 | R-CHIP;47Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000161 | R-CHIP;82KOHM,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000161 | R-CHIP;82KOHM,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000162 | R-CHIP;100Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000162 | R-CHIP;100Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000162 | R-CHIP;100Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000162 | R-CHIP;100Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000162 | R-CHIP;100Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000162 | R-CHIP;100Kohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000170 | R-CHIP;1Mohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000170 | R-CHIP;1Mohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000171 | R-CHIP;0ohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000171 | R-CHIP;0ohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000171 | R-CHIP;0ohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000171 | R-CHIP;0ohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000171 | R-CHIP;0ohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000171 | R-CHIP;0ohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000171 | R-CHIP;0ohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000171 | R-CHIP;0ohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000171 | R-CHIP;0ohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000171 | R-CHIP;0ohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000171 | R-CHIP;0ohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000171 | R-CHIP;0ohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000171 | R-CHIP;0ohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000171 | R-CHIP;0ohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000171 | R-CHIP;0ohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000171 | R-CHIP;0ohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000171 | R-CHIP;0ohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000171 | R-CHIP;0ohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000171 | R-CHIP;0ohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000171 | R-CHIP;0ohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000171 | R-CHIP;0ohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000171 | R-CHIP;0ohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000171 | R-CHIP;0ohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000171 | R-CHIP;0ohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000171 | R-CHIP;0ohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000171 | R-CHIP;0ohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000171 | R-CHIP;0ohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000171 | R-CHIP;0ohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000171 | R-CHIP;0ohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000171 | R-CHIP;0ohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000171 | R-CHIP;0ohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000171 | R-CHIP;0ohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000171 | R-CHIP;0ohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000171 | R-CHIP;0ohm,5%,1/16W,TP,1005 | 1 | S.A | |

| Level | Location No. | Code No. | Description & Specification | Q'ty | SA/SNA | Remark |
|-------|--------------|-------------|-------------------------------|------|--------|--------|
| | | | | | | Remark |
| 4 | R110 | 2007-000171 | R-CHIP;0ohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000171 | R-CHIP;0ohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000171 | R-CHIP;0ohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000171 | R-CHIP;0ohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000171 | R-CHIP;0ohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000171 | R-CHIP;0ohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000171 | R-CHIP;0ohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000171 | R-CHIP;0ohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000171 | R-CHIP;0ohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000171 | R-CHIP;0ohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000171 | R-CHIP;0ohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000171 | R-CHIP;0ohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000171 | R-CHIP;0ohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000171 | R-CHIP;0ohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000171 | R-CHIP;0ohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000171 | R-CHIP;0ohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000171 | R-CHIP;0ohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000171 | R-CHIP;0ohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000171 | R-CHIP;0ohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000171 | R-CHIP;0ohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000171 | R-CHIP;0ohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000171 | R-CHIP;0ohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000172 | R-CHIP;10ohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000172 | R-CHIP;10ohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000172 | R-CHIP;10ohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000172 | R-CHIP;10ohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000172 | R-CHIP;10ohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000172 | R-CHIP;10ohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000172 | R-CHIP:10ohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000172 | R-CHIP;10ohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000172 | R-CHIP;100hm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000172 | R-CHIP;100hm,5%,1/16W,TP,1005 | 1 | S.A | |
| | R110 | 2007-000172 | | | S.A | |
| 4 | | | R-CHIP;10ohm,5%,1/16W,TP,1005 | 1 | | |
| 4 | R110 | 2007-000172 | R-CHIP;10ohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000172 | R-CHIP;10ohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000172 | R-CHIP;10ohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000172 | R-CHIP;10ohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000172 | R-CHIP;10ohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000172 | R-CHIP;10ohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000172 | R-CHIP;10ohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000172 | R-CHIP;10ohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000172 | R-CHIP;10ohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000172 | R-CHIP;10ohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000172 | R-CHIP;10ohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000172 | R-CHIP;10ohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000172 | R-CHIP;10ohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000172 | R-CHIP;10ohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000172 | R-CHIP;10ohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000172 | R-CHIP;10ohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000172 | R-CHIP;10ohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000172 | R-CHIP;10ohm,5%,1/16W,TP,1005 | 1 | S.A | |

| Level | Location No. | Code No. | Description & Specification | Q'ty | SA/SNA | Remark |
|-------|--------------|-------------|--|------|--------|--------|
| 4 | R110 | 2007-000172 | R-CHIP;10ohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000172 | R-CHIP;10ohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000172 | R-CHIP;10ohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000172 | R-CHIP;10ohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000172 | R-CHIP;10ohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000172 | R-CHIP;10ohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000173 | R-CHIP;22ohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000173 | R-CHIP;22ohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000173 | R-CHIP;22ohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000173 | R-CHIP;22ohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000173 | R-CHIP;22ohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000173 | R-CHIP;22ohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000173 | R-CHIP;22ohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000173 | R-CHIP;22ohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000173 | R-CHIP;22ohm,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-000174 | R-CHIP;47ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000174 | R-CHIP;47ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000174 | R-CHIP;47ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000174 | R-CHIP;47ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000174 | R-CHIP;47ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000174 | R-CHIP;47ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000174 | R-CHIP;47ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000174 | R-CHIP;47ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000174 | R-CHIP;47ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000174 | R-CHIP;47ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000174 | R-CHIP;47ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000174 | R-CHIP;47ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000174 | R-CHIP:470hm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000174 | R-CHIP;470hm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000174 | | 1 | S.N.A | |
| 4 | R110 | 2007-000174 | R-CHIP;47ohm,5%,1/16W,TP,1005 R-CHIP;47ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| | R110 | | R-CHIP:470hm,5%,1/16W,TP,1005 | | S.N.A | |
| 4 | | 2007-000174 | , , , , , | 1 | S.N.A | |
| 4 | R110 | | R-CHIP;47ohm,5%,1/16W,TP,1005 | 1 | | |
| 4 | R110 | 2007-000174 | R-CHIP;47ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000174 | R-CHIP;47ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000174 | R-CHIP;47ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000174 | R-CHIP;47ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000174 | R-CHIP;47ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000174 | R-CHIP;47ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000174 | R-CHIP;47ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000174 | R-CHIP;47ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000174 | R-CHIP;47ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000242 | R-CHIP;1.5KOHM,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000242 | R-CHIP;1.5KOHM,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000242 | R-CHIP;1.5KOHM,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000242 | R-CHIP;1.5KOHM,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-000362 | R-CHIP;12ohm,5%,1/10W,TP,1608 | 1 | S.A | |
| 4 | R110 | 2007-000362 | R-CHIP;12ohm,5%,1/10W,TP,1608 | 1 | S.A | |
| 4 | R110 | 2007-000362 | R-CHIP;12ohm,5%,1/10W,TP,1608 | 1 | S.A | |
| 4 | R110 | 2007-000362 | R-CHIP;12ohm,5%,1/10W,TP,1608 | 1 | S.A | |
| 4 | R110 | 2007-000362 | R-CHIP;12ohm,5%,1/10W,TP,1608 | 1 | S.A | |

| 4 R110 2007-000362 R-CHIP;12ohm,5%,1/10W,TP,4 R110 2007-000362 R-CHIP;12ohm,5%,1/10W,TP,4 R110 2007-000362 R-CHIP;12ohm,5%,1/10W,TP,4 R110 2007-000362 R-CHIP;12ohm,5%,1/10W,TP, | | S.A | |
|--|----------|-------|--|
| 4 R110 2007-000362 R-CHIP;12ohm,5%,1/10W,TP, | 1608 1 | 0.71 | |
| | | S.A | |
| 4 D440 0007 000005 D 01115 0 0 1 507 1/10/175 | 1608 1 | S.A | |
| 4 R110 2007-000695 R-CHIP;3.3ohm,5%,1/10W,TP, | ,1608 1 | S.A | |
| 4 R110 2007-000695 R-CHIP;3.3ohm,5%,1/10W,TP, | ,1608 1 | S.A | |
| 4 R110 2007-000775 R-CHIP;33KOHM,5%,1/16W,TF | P,1005 1 | S.N.A | |
| 4 R110 2007-000775 R-CHIP;33KOHM,5%,1/16W,TF | P,1005 1 | S.N.A | |
| 4 R110 2007-000775 R-CHIP;33KOHM,5%,1/16W,TF | P,1005 1 | S.N.A | |
| 4 R110 2007-000775 R-CHIP;33KOHM,5%,1/16W,TF | P,1005 1 | S.N.A | |
| 4 R110 2007-000775 R-CHIP;33KOHM,5%,1/16W,TF | P,1005 1 | S.N.A | |
| 4 R110 2007-000775 R-CHIP;33KOHM,5%,1/16W,TF | P,1005 1 | S.N.A | |
| 4 R110 2007-000831 R-CHIP;39Kohm,5%,1/16W,TP | 2,1005 1 | S.A | |
| 4 R110 2007-000932 R-CHIP;470OHM,5%,1/16W,TF | P,1005 1 | S.N.A | |
| 4 R110 2007-000932 R-CHIP;470OHM,5%,1/16W,TF | P,1005 1 | S.N.A | |
| 4 R110 2007-000932 R-CHIP;470OHM,5%,1/16W,TF | | S.N.A | |
| 4 R110 2007-000932 R-CHIP;470OHM,5%,1/16W,TF | | S.N.A | |
| 4 R110 2007-000932 R-CHIP;470OHM,5%,1/16W,TF | | S.N.A | |
| 4 R110 2007-000932 R-CHIP;470OHM,5%,1/16W,TF | | S.N.A | |
| 4 R110 2007-000932 R-CHIP;470OHM,5%,1/16W,TF | | S.N.A | |
| 4 R110 2007-000932 R-CHIP;470OHM,5%,1/16W,TF | | S.N.A | |
| 4 R110 2007-001292 R-CHIP;330hm,5%,1/16W,TP, | | S.N.A | |
| | | S.N.A | |
| | | S.N.A | |
| | | _ | |
| 4 R110 2007-001292 R-CHIP;33ohm,5%,1/16W,TP, | | S.N.A | |
| 4 R110 2007-001292 R-CHIP;330hm,5%,1/16W,TP, | | S.N.A | |
| 4 R110 2007-001292 R-CHIP;330hm,5%,1/16W,TP, | | S.N.A | |
| 4 R110 2007-001292 R-CHIP;330hm,5%,1/16W,TP, | | S.N.A | |
| 4 R110 2007-001292 R-CHIP;330hm,5%,1/16W,TP, | | S.N.A | |
| 4 R110 2007-001292 R-CHIP;330hm,5%,1/16W,TP, | | S.N.A | |
| 4 R110 2007-001292 R-CHIP;330hm,5%,1/16W,TP, | | S.N.A | |
| 4 R110 2007-001292 R-CHIP;330hm,5%,1/16W,TP, | | S.N.A | |
| 4 R110 2007-001292 R-CHIP;33ohm,5%,1/16W,TP, | | S.N.A | |
| 4 R110 2007-001292 R-CHIP;33ohm,5%,1/16W,TP, | | S.N.A | |
| 4 R110 2007-001292 R-CHIP;33ohm,5%,1/16W,TP, | | S.N.A | |
| 4 R110 2007-001292 R-CHIP;33ohm,5%,1/16W,TP, | | S.N.A | |
| 4 R110 2007-001292 R-CHIP;33ohm,5%,1/16W,TP, | 1005 1 | S.N.A | |
| 4 R110 2007-001292 R-CHIP;33ohm,5%,1/16W,TP, | | S.N.A | |
| 4 R110 2007-001292 R-CHIP;33ohm,5%,1/16W,TP, | | S.N.A | |
| 4 R110 2007-001292 R-CHIP;33ohm,5%,1/16W,TP, | | S.N.A | |
| 4 R110 2007-001292 R-CHIP;33ohm,5%,1/16W,TP, | 1005 1 | S.N.A | |
| 4 R110 2007-001292 R-CHIP;33ohm,5%,1/16W,TP, | 1005 1 | S.N.A | |
| 4 R110 2007-001292 R-CHIP;33ohm,5%,1/16W,TP, | 1005 1 | S.N.A | |
| 4 R110 2007-001292 R-CHIP;33ohm,5%,1/16W,TP, | 1005 1 | S.N.A | |
| 4 R110 2007-001292 R-CHIP;33ohm,5%,1/16W,TP, | 1005 1 | S.N.A | |
| 4 R110 2007-001292 R-CHIP;33ohm,5%,1/16W,TP, | 1005 1 | S.N.A | |
| 4 R110 2007-001292 R-CHIP;33ohm,5%,1/16W,TP, | 1005 1 | S.N.A | |
| 4 R110 2007-001292 R-CHIP;33ohm,5%,1/16W,TP, | 1005 1 | S.N.A | |
| 4 R110 2007-001292 R-CHIP;33ohm,5%,1/16W,TP, | 1005 1 | S.N.A | |
| 4 R110 2007-001292 R-CHIP;33ohm,5%,1/16W,TP, | 1005 1 | S.N.A | |
| 4 R110 2007-001292 R-CHIP;33ohm,5%,1/16W,TP, | 1005 1 | S.N.A | |
| 4 R110 2007-001292 R-CHIP;33ohm,5%,1/16W,TP, | 1005 1 | S.N.A | |

| Level | Location No. | Code No. | Description & Specification | Q'ty | SA/SNA | Remark |
|-------|--------------|-------------|---|------|--------|--------|
| 4 | R110 | 2007-001292 | R-CHIP;33ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-001292 | R-CHIP;33ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-001292 | R-CHIP;33ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-001292 | R-CHIP;33ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-001292 | R-CHIP;33ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-001292 | R-CHIP;33ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-001292 | R-CHIP;33ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-001292 | R-CHIP;33ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-001292 | R-CHIP;33ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-001292 | R-CHIP;33ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-001292 | R-CHIP;33ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-001292 | R-CHIP;33ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-001292 | R-CHIP;33ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-001292 | R-CHIP;33ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-001313 | R-CHIP;330ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-001325 | R-CHIP;3.3Kohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-001325 | R-CHIP;3.3Kohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-001325 | R-CHIP;3.3Kohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-001325 | R-CHIP;3.3Kohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-001433 | R-CHIP;12Kohm,1%,1/10W,TP,1608 | 1 | S.A | |
| 4 | R110 | 2007-003020 | R-CHIP;4.3KOHM,5%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R110 | 2007-007008 | R-CHIP;300OHM,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-007008 | R-CHIP;300OHM,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-007095 | R-CHIP;390ohm,5%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-007107 | R-CHIP;100Kohm,1%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-007107 | R-CHIP;100Kohm,1%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-007142 | R-CHIP;10Kohm,1%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-007142 | R-CHIP;10Kohm,1%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-007316 | R-CHIP;3.3KOHM,1%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-007318 | R-CHIP;1Kohm,1%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-007318 | R-CHIP;1Kohm,1%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-007318 | R-CHIP;1Kohm,1%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-007318 | R-CHIP;1Kohm,1%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-007334 | R-CHIP;200Kohm,1%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-008015 | R-CHIP;75ohm,1%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-008015 | R-CHIP;75ohm,1%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-008015 | R-CHIP;75ohm,1%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-008015 | R-CHIP;75ohm,1%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-008015 | R-CHIP;75ohm,1%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-008015 | R-CHIP;75ohm,1%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-008015 | R-CHIP;75ohm,1%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-008015 | R-CHIP;75ohm,1%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-008015 | R-CHIP;75ohm,1%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-008015 | R-CHIP;75ohm,1%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-008015 | R-CHIP;75ohm,1%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-008015 | R-CHIP;75ohm,1%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-008015 | R-CHIP;75ohm,1%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-008015 | R-CHIP;75ohm,1%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-008015 | R-CHIP;75ohm,1%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-008015 | R-CHIP;75ohm,1%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-008015 | R-CHIP;75ohm,1%,1/16W,TP,1005 | 1 | S.N.A | |
| + | 13110 | 2007-000010 | 13 Othir, 7 Johnn, 170, 17 TO (V, 17, 1000) | ' | U.IN.A | |

| Level | Location No. | Code No. | Description & Specification | Q'ty | SA/SNA | Remark |
|-------|--------------|-------------|--|------|------------|--------|
| | | | | - | | Remark |
| 4 | R110 | 2007-008015 | R-CHIP;75ohm,1%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-008015 | R-CHIP;75ohm,1%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-008015 | R-CHIP;75ohm,1%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-008015 | R-CHIP;75ohm,1%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-008015 | R-CHIP;75ohm,1%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-008813 | R-CHIP;909ohm,1%,1/16W,TP,1005 | 1 | S.N.A | |
| 4 | R110 | 2007-009853 | R-CHIP;1.6Kohm,1%,1/16W,TP,1005 | 1 | S.A | |
| 4 | R2001 | 2011-001261 | R-NETWORK;33ohm,5%,1/16W,L,CHIP,8P,TP,2. | 1 | S.A | |
| 4 | R2002 | 2011-001261 | R-NETWORK;33ohm,5%,1/16W,L,CHIP,8P,TP,2. | 1 | S.A | |
| 4 | R2003 | 2011-001261 | R-NETWORK;33ohm,5%,1/16W,L,CHIP,8P,TP,2. | 1 | S.A | |
| 4 | R2004 | 2011-001261 | R-NETWORK;33ohm,5%,1/16W,L,CHIP,8P,TP,2. | 1 | S.A | |
| 4 | R2005 | 2011-001261 | R-NETWORK;33ohm,5%,1/16W,L,CHIP,8P,TP,2. | 1 | S.A | |
| 4 | R2006 | 2011-001261 | R-NETWORK;33ohm,5%,1/16W,L,CHIP,8P,TP,2. | 1 | S.A | |
| 4 | R2007 | 2011-001261 | R-NETWORK;33ohm,5%,1/16W,L,CHIP,8P,TP,2. | 1 | S.A | |
| 4 | R2008 | 2011-001261 | R-NETWORK;33ohm,5%,1/16W,L,CHIP,8P,TP,2. | 1 | S.A | |
| 4 | C120 | 2203-000125 | C-CER,CHIP;1.2nF,10%,50V,X7R,TP,1608,- | 1 | S.A | |
| 4 | C120 | 2203-000125 | C-CER,CHIP;1.2nF,10%,50V,X7R,TP,1608,- | 1 | S.A | |
| 4 | C120 | 2203-000125 | C-CER,CHIP;1.2nF,10%,50V,X7R,TP,1608,- | 1 | S.A | |
| 4 | C120 | 2203-000125 | C-CER,CHIP;1.2nF,10%,50V,X7R,TP,1608,- | 1 | S.A | |
| 4 | C120 | 2203-000125 | C-CER,CHIP;1.2nF,10%,50V,X7R,TP,1608,- | 1 | S.A | |
| 4 | C120 | 2203-000233 | C-CER,CHIP;0.1nF,5%,50V,C0G,1005 | 1 | S.A | |
| 4 | C120 | 2203-000233 | C-CER,CHIP;0.1nF,5%,50V,C0G,1005 | 1 | S.A | |
| 4 | C120 | 2203-000233 | C-CER,CHIP;0.1nF,5%,50V,C0G,1005 | 1 | S.A | |
| 4 | C120 | 2203-000233 | C-CER,CHIP;0.1nF,5%,50V,C0G,1005 | 1 | S.A | |
| 4 | C120 | 2203-000233 | C-CER,CHIP;0.1nF,5%,50V,C0G,1005 | 1 | S.A | |
| 4 | C120 | 2203-000233 | C-CER,CHIP;0.1nF,5%,50V,C0G,1005 | 1 | S.A | |
| 4 | C120 | 2203-000233 | C-CER,CHIP;0.1nF,5%,50V,C0G,1005 | 1 | S.A | |
| 4 | C120 | 2203-000233 | C-CER,CHIP;0.1nF,5%,50V,C0G,1005 | 1 | S.A | |
| 4 | C120 | 2203-000233 | C-CER,CHIP;0.1nF,5%,50V,C0G,1005 | 1 | S.A | |
| 4 | C120 | 2203-000233 | C-CER,CHIP;0.1nF,5%,50V,C0G,1005 | 1 | S.A | |
| 4 | C120 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,TP,1608 | 1 | S.A | |
| 4 | C120 | 2203-000257 | C-CER,CHIP:10nF,10%,50V,X7R,TP,1608 | 1 | S.A | |
| 4 | C120 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,TP,1608 | 1 | S.A | |
| 4 | C120 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,TP,1608 | 1 | S.A | |
| 4 | C120 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,TP,1608 | 1 | S.A | |
| 4 | C120 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,TP,1608 | 1 | S.A | |
| 4 | C120 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,TP,1608 | 1 | S.A | |
| 4 | C120 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,TP,1608 | 1 | S.A | |
| 4 | C120 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,TP,1608 | 1 | S.A | |
| 4 | C120 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,TP,1608 | 1 | S.A | |
| 4 | C120 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,TP,1608 | 1 | S.A S.A | |
| | C120 | 2203-000257 | | 1 | S.A S.A | |
| 4 | | | C-CER,CHIP;10nF,10%,50V,X7R,TP,1608 | | | |
| 4 | C120 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,TP,1608 | 1 | S.A | |
| 4 | C120 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,TP,1608 | 1 | S.A | |
| 4 | C120 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,TP,1608 | 1 | S.A | |
| 4 | C120 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,TP,1608 | 1 | S.A | |
| 4 | C120 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,TP,1608 | 1 | S.A | |
| 4 | C120 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,TP,1608 | 1 | S.A | |
| 4 | C120 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,TP,1608 | 1 | S.A | |
| 4 | C120 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,TP,1608 | 1 | S.A | |
| 4 | C120 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,TP,1608 | 1 | S.A | |

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|-------|--------------|-------------|---------------------------------------|------|------------|--------|
| 4 | C120 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,TP,1608 | 1 | S.A | |
| 4 | C120 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,TP,1608 | 1 | S.A | |
| 4 | C120 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,TP,1608 | 1 | S.A | |
| 4 | C120 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,TP,1608 | 1 | S.A | |
| 4 | C120 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,TP,1608 | 1 | S.A | |
| 4 | C120 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,TP,1608 | 1 | S.A | |
| 4 | C120 | 2203-000280 | C-CER,CHIP;0.01nF,0.5pF,50V,C0G,1608 | 1 | S.A | |
| 4 | C120 | 2203-000438 | C-CER,CHIP:1nF,10%,50V,X7R,1005 | 1 | S.A | |
| 4 | C120 | 2203-000438 | C-CER,CHIP;1nF,10%,50V,X7R,1005 | 1 | S.A | |
| 4 | C120 | 2203-000438 | C-CER,CHIP;1nF,10%,50V,X7R,1005 | 1 | S.A | |
| 4 | C120 | 2203-000438 | C-CER,CHIP;1nF,10%,50V,X7R,1005 | 1 | S.A | |
| 4 | C120 | 2203-000438 | C-CER,CHIP;1nF,10%,50V,X7R,1005 | 1 | S.A | |
| 4 | C120 | 2203-000438 | C-CER,CHIP;1nF,10%,50V,X7R,1005 | 1 | S.A | |
| 4 | C120 | 2203-000438 | C-CER,CHIP;1nF,10%,50V,X7R,1005 | 1 | S.A | |
| 4 | C120 | 2203-000438 | C-CER,CHIP;1nF,10%,50V,X7R,1005 | 1 | S.A | |
| 4 | C120 | 2203-000438 | C-CER,CHIP;1nF,10%,50V,X7R,1005 | 1 | S.A | |
| 4 | C120 | 2203-000438 | C-CER,CHIP;1nF,10%,50V,X7R,1005 | 1 | S.A | |
| 4 | C120 | 2203-000438 | C-CER,CHIP;11F,10%,50V,X7R,1005 | 1 | S.A S.A | |
| | C120 | | C-CER,CHIP;111,10%,50V,X7R,1005 | | S.A S.A | |
| 4 | | 2203-000438 | | 1 | | |
| 4 | C120 | 2203-000489 | C-CER,CHIP;2.2nF,10%,50V,X7R,1005 | 1 | S.A | |
| 4 | C120 | 2203-000489 | C-CER,CHIP;2.2nF,10%,50V,X7R,1005 | 1 | S.A | |
| 4 | C120 | 2203-000489 | C-CER,CHIP;2.2nF,10%,50V,X7R,1005 | 1 | S.A | |
| 4 | C120 | 2203-000575 | C-CER,CHIP;220nF,10%,25V,X7R,2012 | 1 | S.A | |
| 4 | C120 | 2203-000575 | C-CER,CHIP;220nF,10%,25V,X7R,2012 | 1 | S.A | |
| 4 | C120 | 2203-000575 | C-CER,CHIP;220nF,10%,25V,X7R,2012 | 1 | S.A | |
| 4 | C120 | 2203-000575 | C-CER,CHIP;220nF,10%,25V,X7R,2012 | 1 | S.A | |
| 4 | C120 | 2203-000575 | C-CER,CHIP;220nF,10%,25V,X7R,2012 | 1 | S.A | |
| 4 | C120 | 2203-000575 | C-CER,CHIP;220nF,10%,25V,X7R,2012 | 1 | S.A | |
| 4 | C120 | 2203-000627 | C-CER,CHIP;0.022nF,5%,50V,C0G,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-000783 | C-CER,CHIP;0.33nF,5%,50V,C0G,1608 | 1 | S.A | |
| 4 | C120 | 2203-000783 | C-CER,CHIP;0.33nF,5%,50V,C0G,1608 | 1 | S.A | |
| 4 | C120 | 2203-000783 | C-CER,CHIP;0.33nF,5%,50V,C0G,1608 | 1 | S.A | |
| 4 | C120 | 2203-000783 | C-CER,CHIP;0.33nF,5%,50V,C0G,1608 | 1 | S.A | |
| 4 | C120 | 2203-000783 | C-CER,CHIP;0.33nF,5%,50V,C0G,1608 | 1 | S.A | |
| 4 | C120 | 2203-000783 | C-CER,CHIP;0.33nF,5%,50V,C0G,1608 | 1 | S.A | |
| 4 | C120 | 2203-000783 | C-CER,CHIP;0.33nF,5%,50V,C0G,1608 | 1 | S.A | |
| 4 | C120 | 2203-000783 | C-CER,CHIP;0.33nF,5%,50V,C0G,1608 | 1 | S.A | |
| 4 | C120 | 2203-000783 | C-CER,CHIP;0.33nF,5%,50V,C0G,1608 | 1 | S.A | |
| 4 | C120 | 2203-000783 | C-CER,CHIP;0.33nF,5%,50V,C0G,1608 | 1 | S.A | |
| 4 | C120 | 2203-000783 | C-CER,CHIP;0.33nF,5%,50V,C0G,1608 | 1 | S.A | |
| 4 | C120 | 2203-000783 | C-CER,CHIP;0.33nF,5%,50V,C0G,1608 | 1 | S.A | |
| 4 | C120 | 2203-000783 | C-CER,CHIP;0.33nF,5%,50V,C0G,1608 | 1 | S.A | |
| 4 | C120 | 2203-000783 | C-CER,CHIP;0.33nF,5%,50V,C0G,1608 | 1 | S.A | |
| 4 | C120 | 2203-000783 | C-CER,CHIP;0.33nF,5%,50V,C0G,1608 | 1 | S.A | |
| 4 | C120 | 2203-000783 | C-CER,CHIP;0.33nF,5%,50V,C0G,1608 | 1 | S.A | |
| 4 | C120 | 2203-000851 | C-CER,CHIP;0.039nF,5%,50V,C0G,1608 | 1 | S.A | |
| 4 | C120 | 2203-000851 | C-CER,CHIP;0.039nF,5%,50V,C0G,1608 | 1 | S.A | |
| 4 | C120 | 2203-000888 | C-CER,CHIP;4.7nF,10%,50V,X7R,1608 | 1 | S.A | |
| 4 | C120 | 2203-000888 | C-CER,CHIP;4.7nF,10%,50V,X7R,1608 | 1 | S.A | |
| 4 | C120 | 2203-000975 | C-CER,CHIP;47nF,10%,25V,X7R,TP,1608,- | 1 | S.A | |
| 4 | C120 | 2203-000995 | C-CER,CHIP;0.047nF,5%,50V,C0G,1005 | 1 | S.A | |
| 1 | 2.20 | | | | | |

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|-------|--------------|-------------|--|------|------------|--------|
| 4 | C120 | 2203-001072 | C-CER,CHIP;0.056nF,5%,50V,NP0,1005 | 1 | S.A | |
| 4 | C120 | 2203-001153 | C-CER,CHIP;0.068nF,5%,50V,NP0,1005 | 1 | S.A | |
| 4 | C120 | 2203-001153 | C-CER,CHIP;0.068nF,5%,50V,NP0,1005 | 1 | S.A | |
| 4 | C120 | 2203-001412 | C-CER,CHIP;0.03nF,5%,50V,NP0,TP,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-001412 | C-CER,CHIP;0.03nF,5%,50V,NP0,TP,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-001598 | C-CER,CHIP;2200nF,+80-20%,16V,Y5V,2012 | 1 | S.A | |
| 4 | C120 | 2203-001598 | C-CER,CHIP;2200nF,+80-20%,16V,Y5V,2012 | 1 | S.A | |
| 4 | C120 | 2203-001598 | C-CER,CHIP;2200nF,+80-20%,16V,Y5V,2012 | 1 | S.A | |
| 4 | C120 | 2203-001598 | C-CER,CHIP;2200nF,+80-20%,16V,Y5V,2012 | 1 | S.A | |
| 4 | C120 | 2203-001598 | C-CER,CHIP;2200nF,+80-20%,16V,Y5V,2012 | 1 | S.A | |
| 4 | C120 | 2203-001598 | C-CER,CHIP;2200nF,+80-20%,16V,Y5V,2012 | 1 | S.A | |
| 4 | C120 | 2203-001598 | C-CER,CHIP;2200nF,+80-20%,16V,Y5V,2012 | 1 | S.A | |
| 4 | C120 | 2203-001598 | C-CER,CHIP;2200nF,+80-20%,16V,Y5V,2012 | 1 | S.A | |
| 4 | C120 | 2203-001330 | C-CER,CHIP;0.56nF,10%,50V,X7R,TP,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-002525 | C-CER,CHIP;0.56nF,10%,50V,X7R,TP,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-002525 | C-CER,CHIP;0.56nF,10%,50V,X7R,TP,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-002525 | C-CER,CHIP;0.56nF,10%,50V,X7R,TP,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-002323 | C-CER,CHIP;15nF,10%,50V,X7R,1608 | 1 | S.N.A | |
| 4 | C120 | 2203-005221 | C-CER,CHIP;15III;10%,50V,X7R,1608 | 1 | S.A | |
| | C120 | 2203-005221 | | 1 | S.A | |
| 4 | C120 | 2203-005249 | C-CER,CHIP;100nF,10%,50V,X7R,1608 C-CER,CHIP;100nF,10%,50V,X7R,1608 | 1 | S.A S.A | |
| 4 | | | | | S.A S.A | |
| 4 | C120 | 2203-005249 | C-CER,CHIP;100nF,10%,50V,X7R,1608 | 1 | | |
| 4 | C120 | 2203-005249 | C-CER,CHIP;100nF,10%,50V,X7R,1608 | 1 | S.A | |
| 4 | C120 | 2203-005249 | C-CER,CHIP;100nF,10%,50V,X7R,1608 | 1 | S.A | |
| 4 | C120 | 2203-005249 | C-CER,CHIP;100nF,10%,50V,X7R,1608 | 1 | S.A | |
| 4 | C120 | 2203-005249 | C-CER,CHIP;100nF,10%,50V,X7R,1608 | 1 | S.A | |
| 4 | C120 | 2203-005249 | C-CER,CHIP;100nF,10%,50V,X7R,1608 | 1 | S.A | |
| 4 | C120 | 2203-005249 | C-CER,CHIP;100nF,10%,50V,X7R,1608 | 1 | S.A | |
| 4 | C120 | 2203-005249 | C-CER,CHIP;100nF,10%,50V,X7R,1608 | 1 | S.A | |
| 4 | C120 | 2203-005249 | C-CER,CHIP;100nF,10%,50V,X7R,1608 | 1 | S.A | |
| 4 | C120 | 2203-005249 | C-CER,CHIP;100nF,10%,50V,X7R,1608 | 1 | S.A | |
| 4 | C120 | 2203-005249 | C-CER,CHIP;100nF,10%,50V,X7R,1608 | 1 | S.A | |
| 4 | C120 | 2203-005249 | C-CER,CHIP;100nF,10%,50V,X7R,1608 | 1 | S.A | |
| 4 | C120 | 2203-005249 | C-CER,CHIP;100nF,10%,50V,X7R,1608 | 1 | S.A | |
| 4 | C120 | 2203-005249 | C-CER,CHIP;100nF,10%,50V,X7R,1608 | 1 | S.A | |
| 4 | C120 | 2203-005249 | C-CER,CHIP;100nF,10%,50V,X7R,1608 | 1 | S.A | |
| 4 | C120 | 2203-005249 | C-CER,CHIP;100nF,10%,50V,X7R,1608 | 1 | S.A | |
| 4 | C120 | 2203-005249 | C-CER,CHIP;100nF,10%,50V,X7R,1608 | 1 | S.A | |
| 4 | C120 | 2203-005249 | C-CER,CHIP;100nF,10%,50V,X7R,1608 | 1 | S.A | |
| 4 | C120 | 2203-005249 | C-CER,CHIP;100nF,10%,50V,X7R,1608 | 1 | S.A | |
| 4 | C120 | 2203-005642 | C-CER,CHIP;0.22nF,5%,50V,NP0,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-005642 | C-CER,CHIP;0.22nF,5%,50V,NP0,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006104 | C-CER,CHIP;1000nF,10%,50V,X7R,3225 | 1 | S.A | |
| 4 | C120 | 2203-006126 | C-CER,CHIP;47NF,10%,16V,X7R,TP,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006126 | C-CER,CHIP;47NF,10%,16V,X7R,TP,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006126 | C-CER,CHIP;47NF,10%,16V,X7R,TP,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006126 | C-CER,CHIP;47NF,10%,16V,X7R,TP,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006126 | C-CER,CHIP;47NF,10%,16V,X7R,TP,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006126 | C-CER,CHIP;47NF,10%,16V,X7R,TP,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006126 | C-CER,CHIP;47NF,10%,16V,X7R,TP,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006126 | C-CER,CHIP;47NF,10%,16V,X7R,TP,1005 | 1 | S.N.A | |

| Level | Location No. | Code No. | Description & Specification | Q'ty | SA/SNA | Remark |
|-------|--------------|-------------|-------------------------------------|------|--------|--------|
| 4 | C120 | 2203-006126 | C-CER,CHIP;47NF,10%,16V,X7R,TP,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006126 | C-CER,CHIP;47NF,10%,16V,X7R,TP,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006126 | C-CER,CHIP;47NF,10%,16V,X7R,TP,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006126 | C-CER,CHIP;47NF,10%,16V,X7R,TP,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006126 | C-CER,CHIP;47NF,10%,16V,X7R,TP,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006126 | C-CER,CHIP;47NF,10%,16V,X7R,TP,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006126 | C-CER,CHIP;47NF,10%,16V,X7R,TP,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006126 | C-CER,CHIP;47NF,10%,16V,X7R,TP,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP:100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP:100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |

| Level | Location No. | Code No. | Description & Specification | Q'ty | SA/SNA | Remark |
|-------|--------------|-------------|--|------|--------|--------|
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | | | C-CER,CHIP;100nF,10%,16V,X7R,1005 | | S.N.A | |
| 4 | C120 | 2203-006158 | | 1 | | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 C-CER,CHIP:100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |

| Level | Location No. | Code No. | Description & Specification | Q'ty | SA/SNA | Remark |
|-------|--------------|-------------|---------------------------------------|------|--------|--------|
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP:100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP:100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006158 | C-CER,CHIP;100nF,10%,16V,X7R,1005 | 1 | S.N.A | |
| 4 | C120 | 2203-006307 | C-CER,CHIP;1000nF,10%,25V,X5R,2012 | 1 | S.A | |
| 4 | C120 | 2203-006307 | C-CER,CHIP;1000nF,10%,25V,X5R,2012 | 1 | S.A | |
| 4 | C120 | 2203-006307 | C-CER,CHIP;1000nF,10%,25V,X5R,2012 | 1 | S.A | |
| 4 | C120 | 2203-006307 | C-CER,CHIP;1000nF,10%,25V,X5R,2012 | 1 | S.A | |
| 4 | C120 | 2203-006307 | C-CER,CHIP;1000nF,10%,25V,X5R,2012 | 1 | S.A | |
| 4 | C120 | 2203-006337 | C-CER,CHIP;4700nF,20%,25V,X5R,TP,3225 | 1 | S.A | |
| 4 | C120 | 2203-006361 | C-CER,CHIP;10000nF,10%,10V,X5R,2012 | 1 | S.A | |
| 4 | C120 | 2203-006361 | C-CER,CHIP;10000nF,10%,10V,X5R,2012 | 1 | S.A | |
| 4 | C120 | 2203-006361 | C-CER,CHIP;10000nF,10%,10V,X5R,2012 | 1 | S.A | |
| 4 | C120 | 2203-006361 | C-CER,CHIP;10000nF,10%,10V,X5R,2012 | 1 | S.A | |
| 4 | C120 | 2203-006361 | C-CER,CHIP;10000nF,10%,10V,X5R,2012 | 1 | S.A | |
| 4 | C120 | 2203-006361 | C-CER,CHIP;10000nF,10%,10V,X5R,2012 | 1 | S.A | |

| Level | Location No. | Code No. | Description & Specification | Q'ty | SA/SNA | Remark |
|-------|--------------|-------------|--|------|--------|--------|
| 4 | C120 | 2203-006361 | C-CER,CHIP;10000nF,10%,10V,X5R,2012 | 1 | S.A | |
| 4 | C120 | 2203-006361 | C-CER,CHIP;10000nF,10%,10V,X5R,2012 | 1 | S.A | |
| 4 | C120 | 2203-006361 | C-CER,CHIP;10000nF,10%,10V,X5R,2012 | 1 | S.A | |
| 4 | C120 | 2203-006361 | C-CER,CHIP;10000nF,10%,10V,X5R,2012 | 1 | S.A | |
| 4 | C120 | 2203-006361 | C-CER,CHIP;10000nF,10%,10V,X5R,2012 | 1 | S.A | |
| 4 | C120 | 2203-006361 | C-CER,CHIP;10000nF,10%,10V,X5R,2012 | 1 | S.A | |
| 4 | C120 | 2203-006361 | C-CER,CHIP;10000nF,10%,10V,X5R,2012 | 1 | S.A | |
| 4 | C120 | 2203-006361 | C-CER,CHIP;10000nF,10%,10V,X5R,2012 | 1 | S.A | |
| 4 | C120 | 2203-006361 | C-CER,CHIP;10000nF,10%,10V,X5R,2012 | 1 | S.A | |
| 4 | C120 | 2203-006361 | C-CER,CHIP;10000nF,10%,10V,X5R,2012 | 1 | S.A | |
| 4 | C120 | 2203-006361 | C-CER,CHIP;10000nF,10%,10V,X5R,2012 | 1 | S.A | |
| 4 | C120 | 2203-006361 | C-CER,CHIP;10000nF,10%,10V,X5R,2012 | 1 | S.A | |
| 4 | C120 | 2203-006361 | C-CER,CHIP;10000nF,10%,10V,X5R,2012 | 1 | S.A | |
| 4 | C120 | 2203-006361 | C-CER,CHIP;10000nF,10%,10V,X5R,2012 | 1 | S.A | |
| 4 | C120 | 2203-006361 | C-CER,CHIP;10000nF,10%,10V,X5R,2012 | 1 | S.A | |
| 4 | C120 | 2203-006361 | C-CER,CHIP;10000nF,10%,10V,X5R,2012 | 1 | S.A | |
| 4 | C120 | 2203-006361 | C-CER,CHIP;10000nF,10%,10V,X5R,2012 | 1 | S.A | |
| 4 | C120 | 2203-006361 | C-CER,CHIP;10000nF,10%,10V,X5R,2012 | 1 | S.A | |
| 4 | C120 | 2203-006361 | C-CER,CHIP;10000nF,10%,10V,X5R,2012 | 1 | S.A | |
| 4 | C120 | 2203-006361 | C-CER,CHIP;10000nF,10%,10V,X5R,2012 | 1 | S.A | |
| 4 | C120 | 2203-006361 | C-CER,CHIP;10000nF,10%,10V,X5R,2012 | 1 | S.A | |
| 4 | C120 | 2203-006361 | C-CER,CHIP;10000nF,10%,10V,X5R,2012 | 1 | S.A | |
| 4 | C120 | 2203-006361 | C-CER,CHIP;10000nF,10%,10V,X5R,2012 | 1 | S.A | |
| 4 | C120 | 2203-006361 | C-CER,CHIP;10000nF,10%,10V,X5R,2012 | 1 | S.A | |
| 4 | C120 | 2203-006361 | C-CER,CHIP;10000nF,10%,10V,X5R,2012 | 1 | S.A | |
| 4 | C120 | 2203-006361 | C-CER,CHIP;10000nF,10%,10V,X5R,2012 | 1 | S.A | |
| 4 | C120 | 2203-006361 | C-CER,CHIP;10000nF,10%,10V,X5R,2012 | 1 | S.A | |
| 4 | C120 | 2203-006361 | C-CER,CHIP;10000nF,10%,10V,X5R,2012 | 1 | S.A | |
| 4 | C120 | 2203-006361 | C-CER,CHIP:10000nF,10%,10V,X5R,2012 | 1 | S.A | |
| 4 | C120 | 2203-006361 | C-CER,CHIP;10000nF,10%,10V,X5R,2012 | 1 | S.A | |
| 4 | C120 | 2203-006361 | C-CER,CHIP;10000nF,10%,10V,X5R,2012 | 1 | S.A | |
| 4 | C120 | 2203-006361 | C-CER,CHIP;10000nF,10%,10V,X5R,2012 | 1 | S.A | |
| 4 | C120 | 2203-006361 | C-CER,CHIP;10000nF,10%,10V,X5R,2012 | 1 | S.A | |
| 4 | C120 | 2203-006361 | C-CER,CHIP;10000nF,10%,10V,X5R,2012 | 1 | S.A | |
| 4 | C120 | 2203-006361 | C-CER,CHIP;10000nF,10%,10V,X5R,2012 | 1 | S.A | |
| 4 | C120 | 2203-006361 | C-CER,CHIP;10000nF,10%,10V,X5R,2012 | 1 | S.A | |
| 4 | C120 | 2203-006361 | C-CER,CHIP;10000nF,10%,10V,X5R,2012 | 1 | S.A | |
| 4 | C120 | 2203-006361 | C-CER,CHIP;10000nF,10%,10V,X5R,2012 | 1 | S.A | |
| 4 | C120 | 2203-006361 | C-CER,CHIP;1000nF,10%,10V,X5R,2012 | 1 | S.A | |
| 4 | C120 | 2203-006361 | C-CER,CHIP;10000nF,10%,10V,X5R,2012 | 1 | S.A | |
| 4 | C120 | 2203-006361 | C-CER,CHIP;10000nF,10%,10V,X5R,2012 | 1 | S.A | |
| 4 | C120 | 2203-006361 | C-CER,CHIP;10000nF,10%,10V,X5R,2012 | 1 | S.A | |
| 4 | C120 | 2203-006361 | C-CER,CHIP;10000nF,10%,10V,X5R,2012 | 1 | S.A | |
| 4 | C120 | 2203-006361 | C-CER,CHIP;10000nF,10%,10V,X5R,2012 | 1 | S.A | |
| 4 | C120 | 2203-006361 | C-CER,CHIP;10000nF,10%,10V,X5R,2012 | 1 | S.A | |
| 4 | C120 | 2203-006361 | C-CER,CHIP;10000nF,10%,10V,X5R,2012 | 1 | S.A | |
| 4 | C120 | 2203-006361 | C-CER,CHIP;10000nF,10%,10V,X5R,2012 | 1 | S.A | |
| 4 | C120 | 2203-006361 | C-CER,CHIP;10000nF,10%,10V,X5R,2012 | 1 | S.A | |
| 4 | C120 | 2203-006361 | C-CER,CHIP;10000nF,10%,10V,X5R,2012 | 1 | S.A | |
| 4 | C120 | 2203-006361 | C-CER,CHIP;10000nF,10%,10V,X5R,2012 | 1 | S.A | |
| 4 | C120 | 2203-006361 | C-CER,CHIP;10000nF,10%,10V,X5R,2012 | 1 | S.A | |
| | 0120 | 2200 000001 | 0 0 11,01 iii ,10000iii ,1070,10 V,7011,2012 | ' | J./\ | |

| Level | Location No. | ocation No. Code No. Description & Specification | | Q'ty | SA/SNA | Remark |
|-------|----------------|--|---|------|----------------|--------|
| 4 | C120 | 2203-006361 | C-CER,CHIP;10000nF,10%,10V,X5R,2012 | 1 | S.A | |
| 4 | C120 | 2203-006361 | C-CER,CHIP;10000nF,10%,10V,X5R,2012 | 1 | S.A | |
| 4 | C120 | 2203-006361 | C-CER,CHIP;10000nF,10%,10V,X5R,2012 | 1 | S.A | |
| 4 | C120 | 2203-006361 | C-CER,CHIP;10000nF,10%,10V,X5R,2012 | 1 | S.A | |
| 4 | C120 | 2203-006399 | C-CER,CHIP;1000nF,10%,6.3V,X5R,1005 | 1 | S.A | |
| 4 | C120 | 2203-006399 | C-CER,CHIP;1000nF,10%,6.3V,X5R,1005 | 1 | S.A | |
| 4 | C120 | 2203-006399 | C-CER,CHIP;1000nF,10%,6.3V,X5R,1005 | 1 | S.A | |
| 4 | C120 | 2203-006399 | C-CER,CHIP;1000nF,10%,6.3V,X5R,1005 | 1 | S.A | |
| 4 | C120 | 2203-006399 | C-CER,CHIP;1000nF,10%,6.3V,X5R,1005 | 1 | S.A | |
| 4 | C120 | 2203-006399 | C-CER,CHIP;1000nF,10%,6.3V,X5R,1005 | 1 | S.A | |
| 4 | C120 | 2203-006399 | C-CER,CHIP;1000nF,10%,6.3V,X5R,1005 | 1 | S.A | |
| 4 | C120 | 2203-006399 | C-CER,CHIP;1000nF,10%,6.3V,X5R,1005 | 1 | S.A | |
| 4 | C120 | 2203-006399 | C-CER,CHIP;1000nF,10%,6.3V,X5R,1005 | 1 | S.A | |
| 4 | C120 | 2203-007176 | C-CER,CHIP:10000nF,10%,16V,X5R,TP,2012 (| 1 | S.N.A | |
| 4 | C120 | 2203-007176 | C-CER,CHIP;10000nF,10%,16V,X5R,TP,2012 (| 1 | S.N.A | |
| 4 | C5013 | 2402-001147 | C-AL,SMD;3.3UF,20%,50V,WT,TP,4X5.8MM | 1 | S.A | |
| 4 | C9014 | 2402-001323 | C-AL,SMD;100##F,20,25V,LZ,TP,6.3X8mm | 1 | S.A | |
| 4 | C9017 | 2402-001323 | C-AL,SMD;100##F,20,25V,LZ,TP,6.3X8mm | 1 | S.A | |
| 4 | C1086 | 2409-001129 | C-POLYMER ,CHIP;100uF,20%,6.3V,WT,TP,3.5 | 1 | S.A | |
| 4 | T0052 | 2703-000158 | INDUCTOR-SMD;1uH,10%,2012 | 1 | S.A | |
| 4 | T0052 | 2703-000158 | INDUCTOR-SMD;1uH,10%,2012 | 1 | S.A | |
| 4 | T0052 | 2703-000158 | INDUCTOR-SMD;1uH,10%,2012 | 1 | S.A | |
| 4 | T0052 | 2703-000158 | INDUCTOR-SMD;1uH,10%,2012 | 1 | S.A | |
| 4 | T0052 | 2703-000398 | INDUCTOR-SMD;10uH,10%,3225 | 1 | S.A | |
| 4 | T0052 | 2703-000398 | INDUCTOR-SMD;10uH,10%,3225 | 1 | S.A | |
| 4 | T0052 | 2703-000398 | INDUCTOR-SMD;10uH,10%,3225 | 1 | S.A | |
| 4 | T0052 | 2703-000398 | INDUCTOR-SMD;10uH,10%,3225 | 1 | S.A | |
| 4 | T0052 | 2703-000398 | INDUCTOR-SMD;10uH,10%,3225 | 1 | S.A | |
| 4 | T0052 | 2703-000338 | INDUCTOR-SMD;10uH,10%,3225 | 1 | S.A | |
| 4 | T0052 | 2703-000398 | INDUCTOR-SMD;10uH,10%,3225 | 1 | S.A | |
| 4 | T0052 | 2703-000398 | INDUCTOR-SMD;10uH;10%;3225 | 1 | S.A | |
| 4 | T0052 | 2703-000398 | INDUCTOR-SMD,10uH,10%,3225 | 1 | S.A S.A | |
| 4 | T0052 | 2703-000398 | INDUCTOR-SMD,10uH,10%,3225 | 1 | S.A | |
| 4 | T0052 | 2703-000398 | INDUCTOR-SMD,10uH,10%,3225 | 1 | S.A S.A | |
| 4 | T0052 | 2703-000398 | INDUCTOR-SMD,10uH,10%,3225 | 1 | S.A S.A | |
| | T0052 | 2703-000398 | INDUCTOR-SMD,10uH,10%,3225 | 1 | S.A S.A | |
| 4 | T0052 | 2703-000398 | INDUCTOR-SMD,10uH,10%,3225 | 1 | S.A S.A | |
| 4 | | | INDUCTOR-SMD, 10d11, 1078, 3225 | + | | |
| 4 | T0052 T0052 | 2703-000417 2703-001426 | INDUCTOR-SMD;220uH,5%,3225 INDUCTOR-SMD;680uH,20%,7070 | 1 | S.A S.A | |
| 4 | T0052 | 2703-001426 | INDUCTOR-SMD;080uH,20%,7070 | 1 | S.A S.A | |
| 4 | T0052 | 2703-001778 | INDUCTOR-SMD,3.3uH,20%,3225 | 1 | S.A S.A | |
| 4 | L9001 | 2703-001778 | INDUCTOR-SMD,3.5un,20%,3225 INDUCTOR-SMD-ARRAY;15uH,2000mA,2,0.124oh | 1 | S.N.A | |
| 4 | L9001 | 2704-000018 | INDUCTOR-SMD-ARRAY,15uH,2000mA,2,0.1240h | 1 | S.N.A | |
| 4 | X202 | 2801-003773 | CRYSTAL-SMD;12MHz,30ppm,28-AAN,20pF,50oh | 1 | S.N.A S.A | |
| 4 | X202 X202 | 2801-003773 | CRYSTAL-SMD;12MHz,30ppH1,26-AAN,20pF,300H CRYSTAL-SMD;24.69MHz,30ppm,27pF,40ohm,TP | 1 | S.A S.A | |
| 4 | T0568 | 3301-000314 | BEAD-SMD;120ohm,1.6x0.8x0.8mm,-,-,- | 1 | S.N.A | |
| 4 | T0568 | 3301-000314 | BEAD-SMD;1200HH,1.6x0.8x0.8HH,-,-,- | 1 | S.N.A | |
| 4 | T0568 | 3301-000314 | BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm | 1 | S.N.A | |
| | T0568 | 3301-001145 | | | S.N.A | |
| 4 | T0568 | 3301-001145 | BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm | 1 | S.N.A S.N.A | |
| 4 | | | | 1 | | |
| 4 | T0568 | 3301-001145 | BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm | 1 | S.N.A | |

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| Level | Location No. | Code No. | Description & Specification | Q'ty | SA/SNA | Remark |
| 4 | T0568 | 3301-001145 | BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm | 1 | S.N.A | |
| 4 | T0568 | 3301-001145 | BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm | 1 | S.N.A | |
| 4 | T0568 | 3301-001145 | BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm | 1 | S.N.A | |
| 4 | T0568 | 3301-001145 | BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm | 1 | S.N.A | |
| 4 | T0568 | 3301-001145 | BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm | 1 | S.N.A | |
| 4 | T0568 | 3301-001145 | BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm | 1 | S.N.A | |
| 4 | T0568 | 3301-001145 | BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm | 1 | S.N.A | |
| 4 | T0568 | 3301-001145 | BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm | 1 | S.N.A | |
| 4 | T0568 | 3301-001145 | BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm | 1 | S.N.A | |
| 4 | T0568 | 3301-001145 | BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm | 1 | S.N.A | |
| 4 | T0568 | 3301-001145 | BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm | 1 | S.N.A | |
| 4 | T0568 | 3301-001145 | BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm | 1 | S.N.A | |
| 4 | T0568 | 3301-001236 | BEAD-SMD;60ohm,1608,-,-,- | 1 | S.N.A | |
| 4 | T0568 | 3301-001236 | BEAD-SMD;60ohm,1608,-,-,- | 1 | S.N.A | |
| 4 | T0568 | 3301-001236 | BEAD-SMD;60ohm,1608,-,-,- | 1 | S.N.A | |
| 4 | T0568 | 3301-001236 | BEAD-SMD;60ohm,1608,-,-,- | 1 | S.N.A | |
| 4 | T0568 | 3301-001236 | BEAD-SMD;60ohm,1608,-,-,- | 1 | S.N.A | |
| 4 | T0568 | 3301-001236 | BEAD-SMD;60ohm,1608,-,-,- | 1 | S.N.A | |
| 4 | T0568 | 3301-001236 | BEAD-SMD;60ohm,1608,-,-,- | 1 | S.N.A | |
| 4 | T0568 | 3301-001324 | BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm | 1 | S.A | |
| 4 | T0568 | 3301-001324 | BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm | 1 | S.A | |
| 4 | T0568 | 3301-001324 | BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm | | S.A | |
| 4 | T0568 | 3301-001324 | BEAD-SMD;15ohm,2012,600mA,TP,,,0.10hm | 1 | S.A | |
| 4 | T0568 | 3301-001404 | BEAD-SMD;30ohm,2012,TP,15.9OHM/30MHz | | S.A | |
| 4 | T0568 | 3301-001404 | BEAD-SMD;30ohm,2012,TP,15.9OHM/30MHz | | S.A | |
| 4 | T0568 | 3301-001404 | BEAD-SMD;300hm;2012,T1;13.90HM/30MHz | | S.A | |
| 4 | T0568 | 3301-001404 | BEAD-SMD;300hm,2012,TP,15.9OHM/30MHz | 1 | S.A | |
| 4 | T0568 | 3301-001404 | BEAD-SMD;300hm;2012;T1;13:90HM/30MHz | 1 | S.A | |
| | T0568 | 3301-001404 | BEAD-SMD;300hm,2012,TP,15.9OHM/30MHz | 1 | S.A | |
| 4 | T0568 | 3301-001404 | | 1 | S.N.A | |
| 4 | T0568 | | BEAD-SMD;10ohm,1.6x0.8x0.8mm,1000mA,TP,, BEAD-SMD;10ohm,1.6x0.8x0.8mm,1000mA,TP,, | 1 | S.N.A | |
| 4 | | 3301-001526 | | | | |
| 4 | T0568 | 3301-001526 | BEAD-SMD;10ohm,1.6x0.8x0.8mm,1000mA,TP, | 1 | S.N.A | |
| 4 | T0568 | 3301-001526 | BEAD-SMD;10ohm,1.6x0.8x0.8mm,1000mA,TP, | 1 | S.N.A | |
| 4 | T0568 | 3301-001526 | BEAD-SMD;10ohm,1.6x0.8x0.8mm,1000mA,TP,, | 1 | S.N.A | |
| 4 | T0568 | 3301-001526 | BEAD-SMD;10ohm,1.6x0.8x0.8mm,1000mA,TP,, | 1 | S.N.A | |
| 4 | T0568 | 3301-001560 | BEAD-SMD;80ohm,1.6X0.8X0.8mm,200mA,TP,,, | 1 | S.N.A | |
| 4 | T0568 | 3301-001560 | BEAD-SMD;80ohm,1.6X0.8X0.8mm,200mA,TP,,, | 1 | S.N.A | |
| 4 | T0568 | 3301-001560 | BEAD-SMD;80ohm,1.6X0.8X0.8mm,200mA,TP,,, | 1 | S.N.A | |
| 4 | T0568 | 3301-001560 | BEAD-SMD;80ohm,1.6X0.8X0.8mm,200mA,TP,,, | 1 | S.N.A | |
| 4 | T0568 | 3301-001560 | BEAD-SMD;80ohm,1.6X0.8X0.8mm,200mA,TP,,, | 1 | S.N.A | |
| 4 | T0568 | 3301-001560 | BEAD-SMD;80ohm,1.6X0.8X0.8mm,200mA,TP,,, | 1 | S.N.A | |
| 4 | T0568 | 3301-001560 | BEAD-SMD;80ohm,1.6X0.8X0.8mm,200mA,TP,,, | 1 | S.N.A | |
| 4 | T0568 | 3301-001560 | BEAD-SMD;80ohm,1.6X0.8X0.8mm,200mA,TP,,, | 1 | S.N.A | |
| 4 | T0568 | 3301-001560 | BEAD-SMD;80ohm,1.6X0.8X0.8mm,200mA,TP,,, | 1 | S.N.A | |
| 4 | T0313 | 3404-001207 | SWITCH-TACT;12V,50mA,160gf,6.2X6.2,SPST | 1 | S.A | |
| 4 | JA7001 | 3701-001367 | CONNECTOR-HDMI;19P,2R,FEMALE,SMD,AU | 1 | S.A | |
| 4 | JA7002 | 3701-001367 | CONNECTOR-HDMI;19P,2R,FEMALE,SMD,AU | 1 | S.A | |
| 4 | T0077 | BN41-00963A | PCB MAIN;FR-4,4,1.2T,192*158 | 1 | S.N.A | |
| 4 | M0107 | BN61-03858A | BRACKET-PCB;L450,BRASS(H62Y),T0.4,5mm,7m | 1 | S.N.A | |
| 4 | M0107 | BN61-03858A | BRACKET-PCB;L450,BRASS(H62Y),T0.4,5mm,7m | 1 | S.N.A | |
| 4 | M0107 | BN61-03858A | BRACKET-PCB;L450,BRASS(H62Y),T0.4,5mm,7m | 1 | S.N.A | |

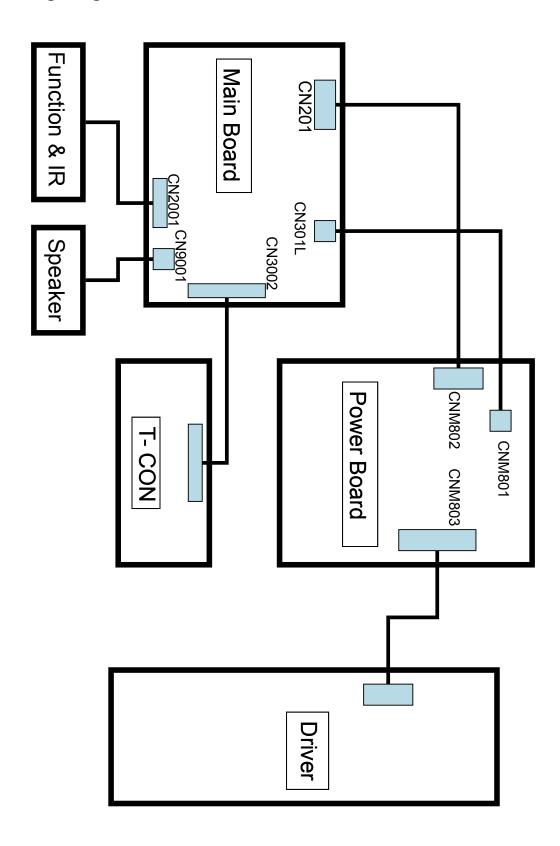
| Level | Location No. | Code No. | Description & Specification | Q'ty | SA/SNA | Remark |
|-------|--------------|-------------|--|------|--------|--------|
| 4 | M0107 | BN61-03858A | BRACKET-PCB;L450,BRASS(H62Y),T0.4,5mm,7m | 1 | S.N.A | |
| 4 | M0018 | BN97-02014A | ASSY MICOM:T-CRLAUSC-XXXX.N45A,2007.11.0 | 1 | S.N.A | |
| 5 | IC2005 | 1107-001735 | IC-NOR FLASH;MX25L3205DM2I-12G,32Mbit,16 | 1 | S.A | |
| 0.1 | A/SHIELD | BN91-01979A | ASSY SHIELD-PEE;LN37A450C1DXZA | 1 | S.N.A | |
| 2 | M0081 | 6003-000115 | SCREW-TAPTITE;BH,+,B,M3,L6,ZPC(BLK),SWRC | 6 | S.A | |
| 2 | M0081 | 6003-000115 | SCREW-TAPTITE;BH,+,B,M3,L6,ZPC(BLK),SWRC | 4 | S.A | |
| 2 | M0081 | 6003-000115 | SCREW-TAPTITE;BH,+,B,M3,L6,ZPC(BLK),SWRC | 4 | S.A | |
| 2 | M0081 | 6003-000337 | SCREW-TAPTITE;BH,+,S,M4,L10,ZPC(BLK),SWR | 4 | S.A | |
| 2 | M0081 | 6003-001188 | SCREW-TAPTITE;BH,+,-,B,M4,L10,ZPC(WHT),S | 2 | S.N.A | |
| 2 | M0081 | 6003-001188 | SCREW-TAPTITE;BH,+,-,B,M4,L10,ZPC(WHT),S | 2 | S.N.A | |
| 2 | M0081 | 6003-001188 | SCREW-TAPTITE;BH,+,-,B,M4,L10,ZPC(WHT),S | 9 | S.N.A | |
| 2 | M0081 | 6003-001439 | SCREW-TAPTITE;BH,+,-,S,M4,L8,ZPC(WHT),SW | 1 | S.N.A | |
| 2 | M0081 | 6003-001439 | SCREW-TAPTITE;BH,+,-,S,M4,L8,ZPC(WHT),SW | 1 | S.N.A | |
| 2 | M2893 | BH39-00362C | LEAD CONNECTOR;Beethoven,UL1007#26,5P,30 | 1 | S.A | |
| 2 | M0258 | BN39-00615Q | CBF HARNESS-INLET SOCKET;LN40A450C1D,UL1 | 1 | S.A | |
| 2 | M2893 | BN39-00802S | LEAD CONNECTOR;LILY2 50",UL1007#26,24p/2 | 1 | S.A | |
| 2 | M2893 | BN39-00849A | LEAD CONNECTOR;LE37M86BDX/XEC,UL1007 #26 | 1 | S.A | |
| 2 | T0764 | BN44-00217A | SMPS-LCDTV;MK37P5B,SEM,AC/DC,171W,AC100 | 1 | S.A | |
| 2 | M0146 | BN61-02419A | BRACKET-PANEL SIDE;SONOMA 32,SECC,T1.2,A | 4 | S.N.A | |
| 2 | M0115 | BN61-02882A | BRACKET-STAND LINK;TULIP,40,SECC,T1.6,-, | 1 | S.A | |
| 2 | M0254 | BN61-03699B | HOLDER-SIDE AV;32L450,UO,HIPS,HB,BK500 | 1 | S.N.A | |
| 2 | T0447 | BN96-06959C | ASSY BRACKET P-PANEL;37L450,UO,CPT,,SECC | 1 | S.N.A | |
| 3 | M0081 | 6003-000115 | SCREW-TAPTITE;BH,+,B,M3,L6,ZPC(BLK),SWRC | 2 | S.A | |
| 3 | M0131 | AA63-01438A | GASKET;Bordeaux,Conductive Fabric,7mm,8m | 1 | S.N.A | |
| 3 | M0146 | BN61-03684A | BRACKET-PANEL TOP;37L450,SECC,T1.0,-,-,- | 1 | S.N.A | |
| 3 | B/PBOTTOM | BN61-03689A | BRACKET-PANEL BOTTOM;L450 37INCH,SECC,T1 | 1 | S.N.A | |
| 3 | B/GMAIN | BN61-03692A | BRACKET-GUIDE MAIN;L450 37INCH,SECC,T1.0 | 1 | S.N.A | |
| 3 | B/GPRIGHT | BN61-03693A | BRACKET-GUIDE POWER;L450 37INCH,SECC,T1. | 1 | S.N.A | |
| 3 | B/GPLEFT | BN61-03696A | BRACKET-GUIDE POWER;L450 37INCH,SECC,T1. | 2 | S.N.A | |
| 3 | T0101 | BN61-03698A | BRACKET-WALL;L450 37INCH,SECC,T1.0 | 1 | S.N.A | |
| 3 | M0131 | BN63-02549A | GASKET;LE37R72B,Conductive Fabric,26mm,1 | 5 | S.N.A | |
| 2 | M0214 | BN96-07158H | ASSY CABLE P-FLAT;CORAL,FFC CABLE,75*240 | 1 | S.A | |
| 0.1 | A/LCD | BN91-01985B | ASSY LCD-CPT;LN37A450C1DXZA,CLAA370WF02S | 1 | S.N.A | |
| 2 | M0215 | BN07-00507A | LCD-PANEL;CLAA370WF02S,8bit,37inch,16.7M | 1 | S.A | |
| | | | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | - | | |
| 0.1 | M0003 | BN92-03169A | ASSY BOX;37L450,UO,, | 1 | S.N.A | |
| 2 | B/OUT | BN69-02398A | BOX-SET,OUT;L450-37,CB,C-03,DY-01,AB,W99 | 1.02 | S.N.A | |
| 2 | B/IN | BN69-02399A | BOX-01,SET IN;L450-37,CB,C-01,DY-01,AB,W | 1 | S.N.A | |
| | | | | | | |
| 0.1 | M0113 | BN92-03175A | ASSY P/MATERIAL;37L450,UO,,, | 1 | S.N.A | |
| 2 | T0524 | 6902-000524 | BAG PE;HDPE/NITRON,T0.015/T0.5,W1200,L11 | 1 | S.N.A | |
| 2 | B/PP | 6922-000003 | BAND PP;PP,T0.8,W18,L1650M,TRP,DA69-9014 | 4.02 | S.N.A | |
| 2 | T0214 | AA61-20285A | HOLDER-BOX;CTV,PP,NTR,HB | 2 | S.N.A | |
| 0.1 | M0019 | BN92-03212E | ASSY LABEL;LN37A450C1DXZA,N45A | 1 | S.N.A | |
| | | | , | | | |
| 0.1 | M0045 | BN92-03213F | ASSY ACCESSORY;LN40A450C1DXZA | 1 | S.N.A | |
| 2 | M0045 | BN96-06917A | ASSY ACCESSORY;LN37/40A450C1DXZA | 1 | S.A | |
| 3 | T0268 | 3903-000144 | CBF-POWER CORD;DT,US,BP3/Y,U(IEC C13-RA) | 1 | S.A | |

5. Exploded View & Part List

| Level | Location No. | Code No. | Description & Specification | Q'ty | SA/SNA | Remark |
|-------|--------------|-------------|--|------|--------|--------|
| 3 | T0524 | 6902-000018 | BAG PE;LDPE,T0.1,W280,L400,CLEAR,8,2 | 1 | S.N.A | |
| 3 | REV 06 | AA68-00371C | MARK RECYCLE-CARD WARRANTY,06;,SEA,W/P10 | 1 | S.N.A | |
| 3 | T0210 | AA68-03242L | MANUAL FLYER-01,SAFETY GUIDE;comm,Samsun | 1 | S.N.A | |
| 3 | T0238 | AA68-03870C | MANUAL FLYER-REGISTRATION CARD;comm,Sams | 1 | S.N.A | |
| 3 | T0238 | AA68-03870D | MANUAL FLYER-REGISTRATION CARD;comm,Sams | 1 | S.N.A | |
| 3 | T0074 | BN59-00687A | REMOCON;TM-96B,49,AMERICA | 1 | S.A | |
| 3 | CLOTH | BN63-01798A | CLOTH-CLEAN;RE40**,CLOTH,180,200,RHCM | 1 | S.N.A | |
| 3 | T0531 | BN63-04243A | COVER-BOTTOM;37,40L450,HIPS,-,-,-,V0,-,B | 1 | S.N.A | |
| 3 | T0511 | BN68-01395A | MANUAL USERS;COMM,SAMSUNG,Eng/Spa,N.Amer | 1 | S.N.A | |
| 3 | REV 00 | BN68-01396A | MANUAL FLYER-QSG;COMM,SAMSUNG,Eng,N.Amer | 1 | S.N.A | |

6. Wiring Diagram

6-1. Wiring Diagram



| | CHUID POWER BOARD 1 | CN1602(to Power Board) 1 SW_INVERTER 2 ANA_DIM 3 PWM_DM 4 GND 5 SENSE_PWR | | |
|---|--|--|--|--|
| | 13 Sy 14 Sy 15 Sy 16 Sy 16 Sy 17 Si 18 GND 17 GND 18 GND 19 GND 19 GND 19 13 GND 21 13 W 21 13 W 22 NC 24 NC | | 22 NG 23 RE [0]+ 24 RE [0]+ 25 RE [1]+ 26 RE [1]+ 27 RE [2]+ 28 RE [2]+ 29 RECLIK. 29 RECLIK. 30 RECLIK. 31 RE [4]+ 32 RE [4]+ 33 RE [4]+ 34 RE [4]+ 35 NC 37 SSD. 39 SSD. 40 LVMS OPTION 41 DCC SEL | |
| 8 COMP2_PR 9 COMP2_PR | GOMP1 PB GOMP1 PR GOMP1 PR GOMP1 PR GOMP1 PR GOMP2 PR | 6 COMP2_SR_N JA601(to Component) 1 GND 2 COMP1_DENT 3 COMP1_Y 4 [GND 5 COMP1_PB | JASSI-(N DV) Sound) JASSI N J | |
| 5 GND 6 GND 7 GND 8 GND | 4 HDM/3 RX/1+ 5 GM 6 HDM/3 RX/1- 7 HDM/3 RX/1- 7 HDM/3 RX/1- 10 HDM/3 RX/2- 10 HDM/3 RX/2- 10 HDM/3 RX/2- 10 PC_RED 2 PC_GREEN 3 PC_BILLE 4 GND | | JABOT(to HDMIT) 1 HDMIT RX2+ 2 GND 3 HDMIT RX2- 4 HDMIT RX1- 5 GND 6 HDMIT RX1- 7 HDMIT RX1- 10 HDMIT RX0- 10 HDMIT RX0- 10 HDMIT RX0- 11 GND 11 HDMIZ RX1- 11 GND 2 GND 3 HDMIZ RX2- 4 HDMIZ RX1- 5 GND 6 HDMIZ RX1- 5 GND 6 HDMIZ RX1- 6 GND | |
| 13 PC HS MICOM 14 PC VS SVP 15 EMU SCL | 14 NC SCA 141 NC SCA 15 HDMRZ DDC SCA 17 G HDMRZ DD | | | |
| 3 GND 4 GND 5 SWHST_DENT 6 GND | 1 (8/D) 2 (MOEO) (DENT) 3 (MOEO) (ASS) 4 (ASD) 5 (MOEO) (SIL, IN) 6 (MOEO) (SIL, IN) 7 (AND 8 (MOEO) (SIL, IN) 9 (MOEO) (SIL, IN) 1 (SIMBS) (SIMBS) (SIL, IN) 1 (SIMBS) (SIMBS) (SIL, IN) 1 (SIMBS) (SIL, IN) | 4 L- OP601(to Optical Aack) 1 ViN 2 ViCC 3 GND JA602(to Video1) | JAB202(to PC Sound) 1 (3MD 2 PC, SR_IN 3 PC, SR_IN 4 PC, SI, IN 5 PC, SI, IN 6 PC, SI, IN 7 PC, SR_IN 7 PC, SR_IN 1 (3MD 2 MONITOR, SR_OUT 3 MONITOR, SR_OUT 5 MONITOR, SR_OUT 6 MONITOR, SR_OUT 7 RC, SR_OUT 7 RC, SR_OUT 8 MONITOR, SR_OUT 7 RC, SR_OUT 8 MONITOR, SR_OUT 9 MONITOR, SR_OUT 1 Rc, 1 Rc, 3 Lc, 4 C. | |
| 3 GND 4 SVHS2 C 5 SVHS2 Y 6 NC 7 GND 8 SVHS2 IDENT 9 NC | 1 (SND 2 VIDEO2 (DENT 3 VIDEO2 (DES 4 (AD) 6 VIDEO2 SR_IN 6 VIDEO2 SR_IN 7 (SND 7 (SND 9 VIDEO2 SR_IN 9 VIDEO2 SR_IN 9 VIDEO2 SR_IN 1 (SND 1 (SND | 6 (240) 7 NC 8 HP_DENT 9 (240) 10 NC 11 NC ON701B(0 V/deo2) | | |
| | | N 39 HD P 40 HD | 02(to Function/IR) 02(to Function/IR) 03(to Side AV) 03(to Side AV | And the second s |
| | | 14 PI ODD, RINSP 31 OND 15 PI ODD RINCLKNI 35 PI NREST 1 16 PI ODD RINCLKNI 35 PI SSA | 1103(b FRC.) 12V | |
| GND 38 PO_TX4_TEP 39 PO_TX4_TEN 40 PO_TX4_TDN 41 PO_TX4_TDN 42 GND 43 PO_TX4_TCLKP 44 | CN304(b Pane) 1 | PO_TX2_TRM 38 PO_TX2_TAM 37 PO_TX2_TAM 37 PO_TX2_TAM 38 PO_TX2_TAM 38 PO_TX2_TAM 38 PO_TX2_TAM 38 PO_TX2_TEP 40 PO_TX2_TEP 40 PO_TX2_TEP 41 PO_TX2_TEP 41 PO_TX2_TEP | 030(0 Pane)) 03 | |

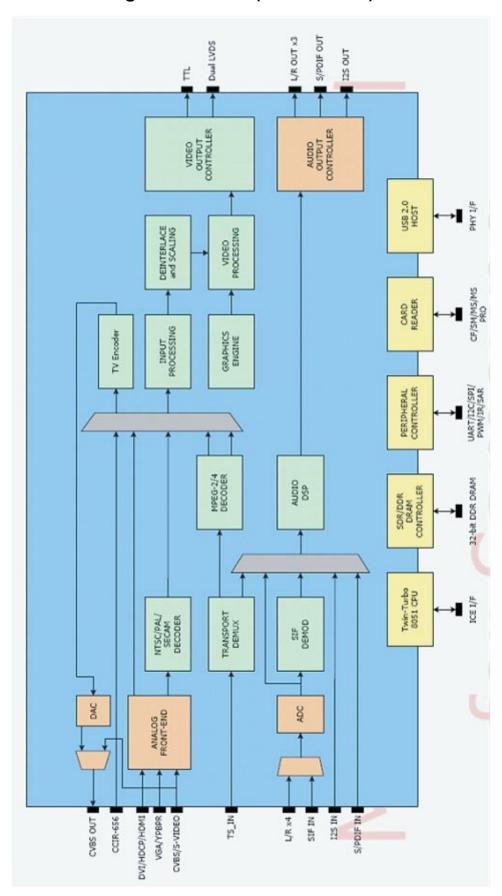
6-2. Cables

| Code | LVDS Cable 32": BN96-07158J (FOLDED 95*170mm) 37": BN96-07158H (FOLDED 75*2400mm) | Power Cable 32": BN39-00802C(300mm) 37": BN39-00802S(400mm) | Inverter Cable 32": BN39-00849C(300mm) 37": BN39-00849A(400mm) |
|-------|--|---|--|
| Photo | The second secon | | |
| Code | Dimming Cable 32"/37": BH39-00362C | | |
| Photo | | | |

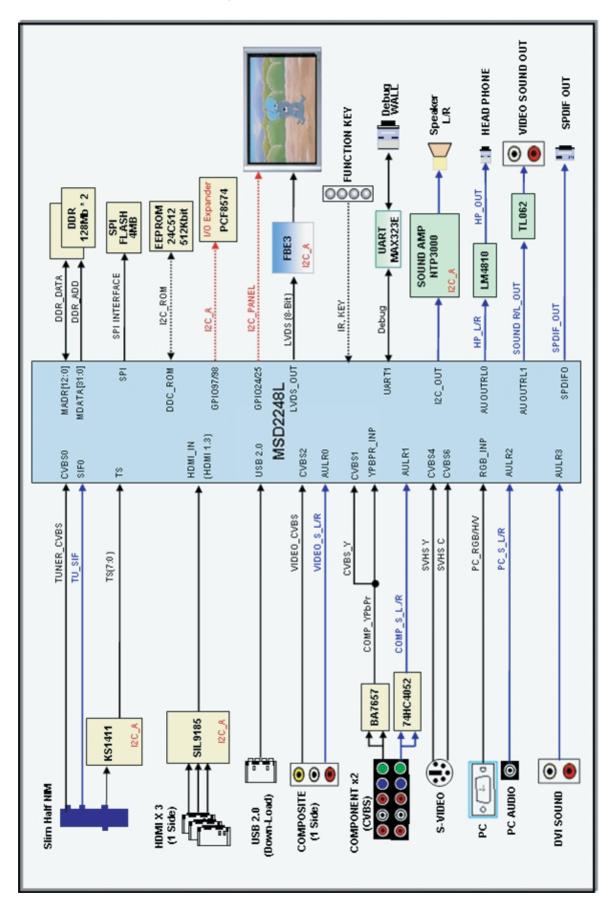
Memo

7. Schematic Diagram

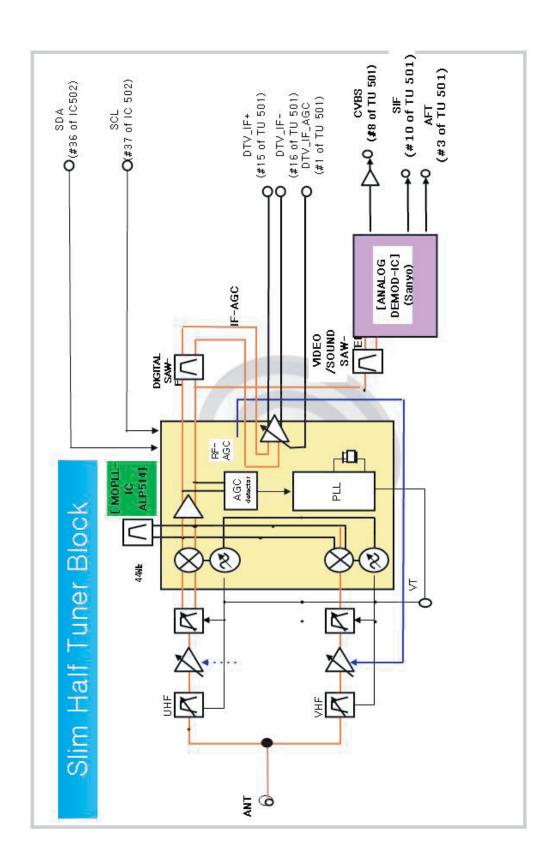
7-1. Internal Block Diagram of Scaler(MSD2248AL)



7-2. SCHEMATIC Block Diagram

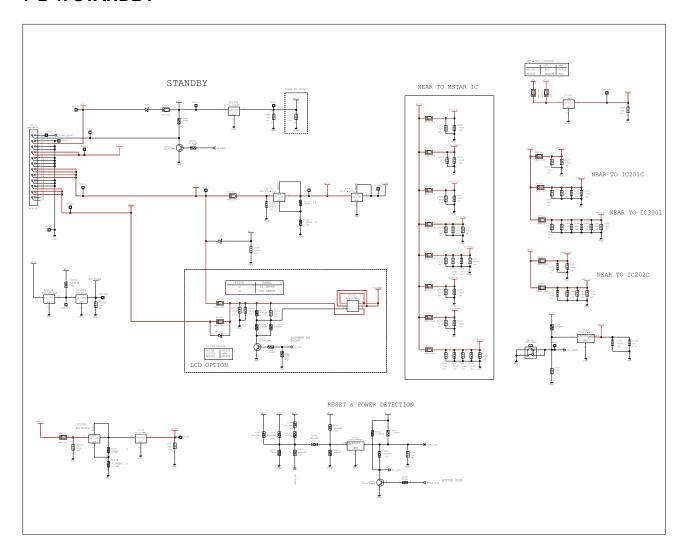


7-3. SlimHalf Tuner Diagram

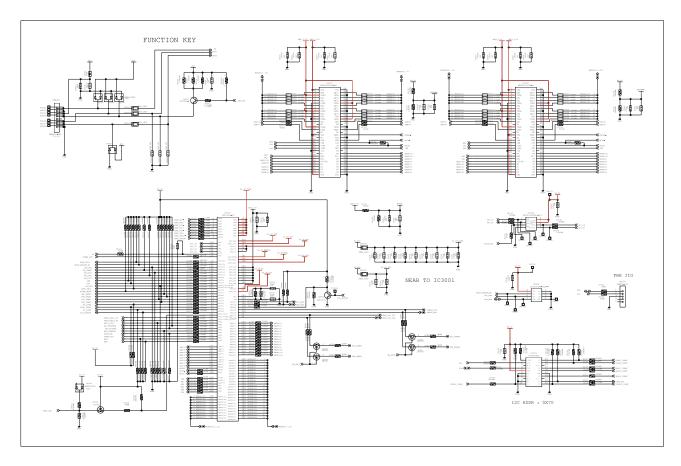


7-2. Schematic Diagrams

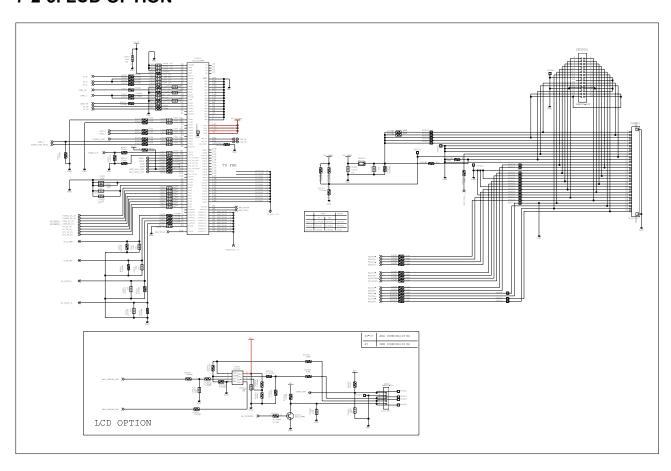
7-2-1. STANDBY



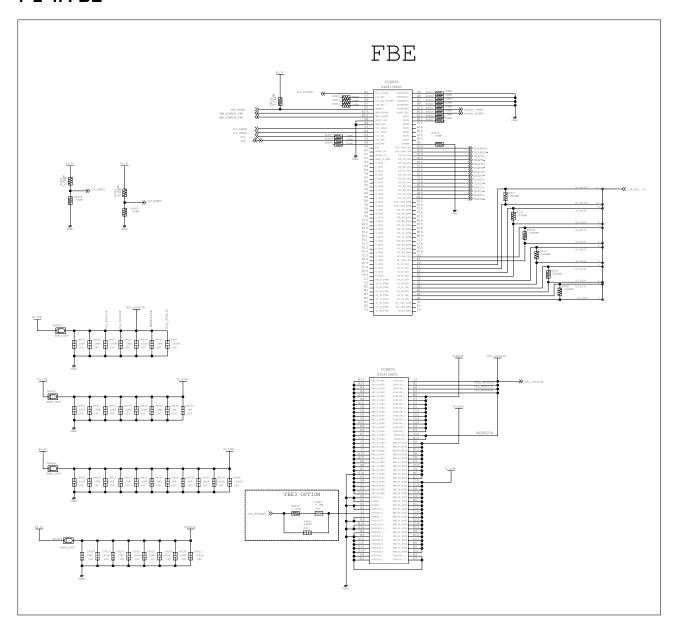
7-2-2. FUNCTION KEY



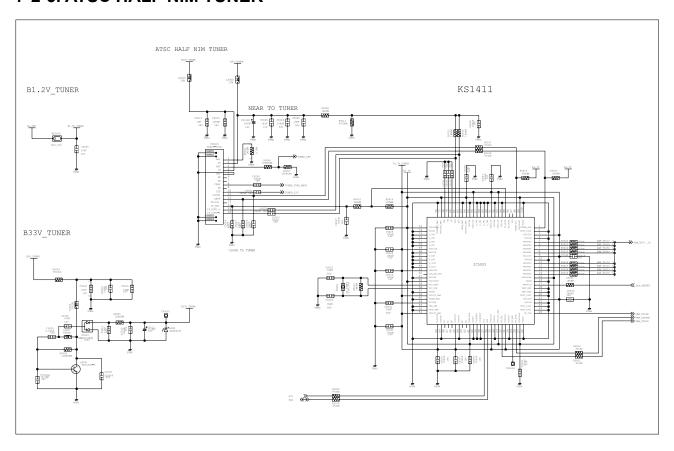
7-2-3. LCD OPTION



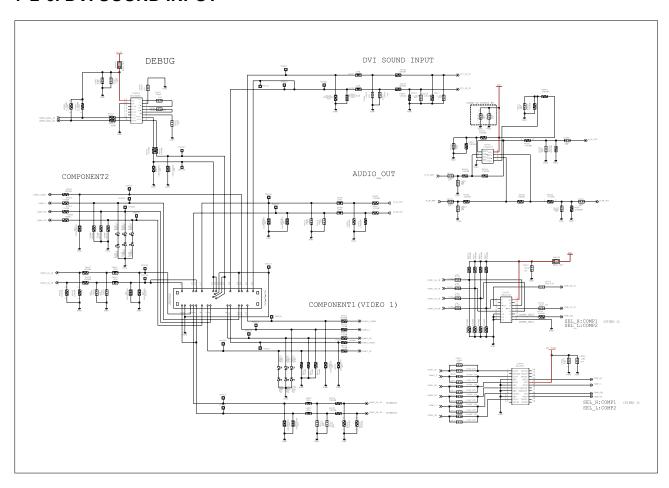
7-2-4. FBE



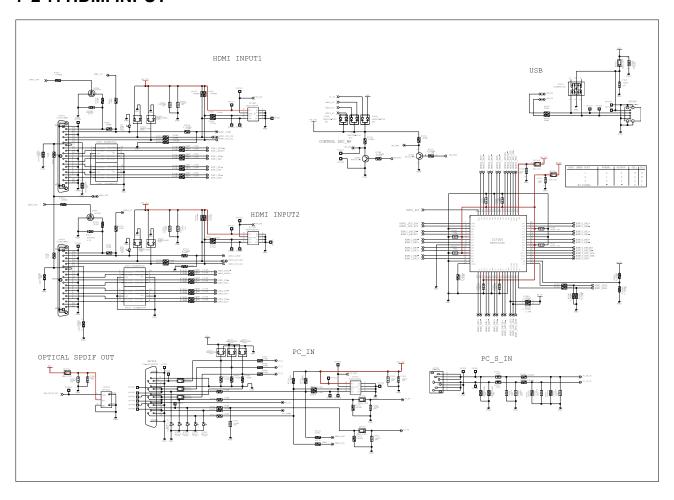
7-2-5. ATSC HALF NIM TUNER



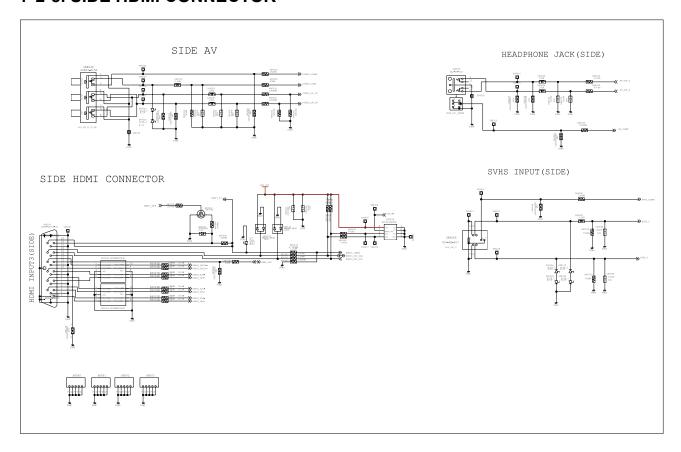
7-2-6. DVI SOUND INPUT



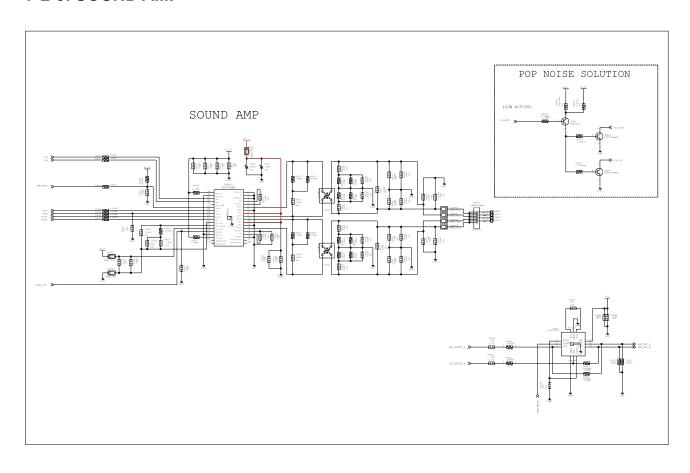
7-2-7. HDMI INPUT



7-2-8. SIDE HDMI CONNECTOR



7-2-9. SOUND AMP



Memo



GSPN (Global Service Partner Network)

| Area | Web Site |
|------------------|----------------------------------|
| North America | http://service.samsungportal.com |
| Latin America | http://latin.samsungportal.com |
| CIS | http://cis.samsungportal.com |
| Europe | http://europe.samsungportal.com |
| China | http://china.samsungportal.com |
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| Mideast & Africa | http://mea.samsungportal.com |

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